

Product Catalog 2020

OutdoorLine

AT&T Outdoor
LAN Cabling Products

AT&T Cabling Systems



AT&T Cabling Systems

Part E

OutdoorLine™

AT&T Outdoor LAN Cabling Products

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AT&T OutdoorLine Category 3

U/UTP 100 Ohm Horizontal and Backbone Outdoor SJ LAN Cables

Description

4-900 pair U/UTP outdoor cables

Frequency range	1-16 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Water blocking	Petroleum jelly
Color code	Modified ANSI/ICEA S-80-576
Shield	None
Jacket	Heavy duty UV resistant PE
Jacket color	Black

Standard & EU Directives Conformance

- Category 3 cable according to IEC 61156-4
- Category 3 cable according to ANSI/TIA-568.2-D
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max
Dynamic bend radius	8xOD mm min
Static bend radius	4xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max
Capacitance	66 pF/m max. @ 1kHz
Voltage rating	72 Vdc max
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT3 Outdoor SJ Cable Black	6.5	42	500m Drum	11U03EN004N-BK2K
4-Pair 24 AWG U/UTP CAT3 Outdoor SJ Cable Black	6.5	42	1000m Drum	11U03EN004N-BK2L
25-Pair 24 AWG U/UTP CAT3 Outdoor SJ Cable Black	12.7	200	1000m Drum	11U03EN025N-BK2L
50-Pair 24 AWG U/UTP CAT3 Outdoor SJ Cable Black	17	380	1000m Drum	11U03EN050N-BK2L
100-Pair 24 AWG U/UTP CAT3 Outdoor SJ Cable Black	22.5	830	1000m Drum	11U03EN100N-BK2L
200-Pair 24 AWG U/UTP CAT3 Outdoor SJ Cable Black	30	1150	500m Drum	11U03EN200N-BK2K
300-Pair 24 AWG U/UTP CAT3 Outdoor SJ Cable Black	35	1700	500m Drum	11U03EN300N-BK2K
400-Pair 24 AWG U/UTP CAT3 Outdoor SJ Cable Black	41	2200	500m Drum	11U03EN400N-BK2K
500-Pair 24 AWG U/UTP CAT3 Outdoor SJ Cable Black	45	3180	500m Drum	11U03EN500N-BK2K
600-Pair 24 AWG U/UTP CAT3 Outdoor SJ Cable Black	49	3250	500m Drum	11U03EN600N-BK2K
900-Pair 24 AWG U/UTP CAT3 Outdoor SJ Cable Black	60	4900	500m Drum	11U03EN900N-BK2K

AT&T OutdoorLine Category 3

U/UTP 100 Ohm Horizontal and Backbone Outdoor DJ MB LAN Cables

Description

4-900 pair U/UTP outdoor double-jacketed cables with aluminum moisture-barrier

Frequency range	1-16 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Longitudinal water blocking	Petroleum jelly
Color code	Modified ANSI/ICEA S-80-576
Shield	None
Inner jacket	Heavy duty UV resistant PE
Radial water blocking	200 μ Aluminum moisture-barrier (MB)
Outer jacket	UV resistant MDPE for outdoor use
Jacket color	Black

Standard & EU Directives Conformance

- Category 3 cable according to IEC 61156-4
- Category 3 cable according to ANSI/TIA-568.2-D
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max
Dynamic bend radius	50xOD mm min
Static bend radius	25xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max
Capacitance	66 pF/m max. @ 1kHz
Voltage rating	72 Vdc max
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	Inner OD mm	Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT3 Outdoor DJ MB Cable Black	7.2	MB+PE	11.9	63	500m Drum	11U03MN004N-BK2K
4-Pair 24 AWG U/UTP CAT3 Outdoor DJ MB Cable Black	7.2	MB+PE	11.9	63	1000m Drum	11U03MN004N-BK2L
25-Pair 24 AWG U/UTP CAT3 Outdoor DJ MB Cable Black	12	MB+PE	16.7	236	1000m Drum	11U03MN025N-BK2L
100-Pair 24 AWG U/UTP CAT3 Outdoor DJ MB Cable Black	21	MB+PE	25.4	738	1000m Drum	11U03MN100N-BK2L
200-Pair 24 AWG U/UTP CAT3 Outdoor DJ MB Cable Black	28	MB+PE	33	1520	500m Drum	11U03MN200N-BK2K
300-Pair 24 AWG U/UTP CAT3 Outdoor DJ MB Cable Black	34	MB+PE	39	2170	500m Drum	11U03MN300N-BK2K
400-Pair 24 AWG U/UTP CAT3 Outdoor DJ MB Cable Black	38	MB+PE	43	2750	500m Drum	11U03MN400N-BK2K
600-Pair 24 AWG U/UTP CAT3 Outdoor DJ MB Cable Black	47	MB+PE	52	4050	500m Drum	11U03MN600N-BK2K
900-Pair 24 AWG U/UTP CAT3 Outdoor DJ MB Cable Black	56	MB+PE	61	5835	500m Drum	11U03MN900N-BK2K

AT&T OutdoorLine Category 3

U/UTP 100 Ohm Horizontal and Backbone Outdoor DJ CSA LAN Cables

Description

4-900 pair U/UTP outdoor double-jacketed cables with corrugated steel tape armor

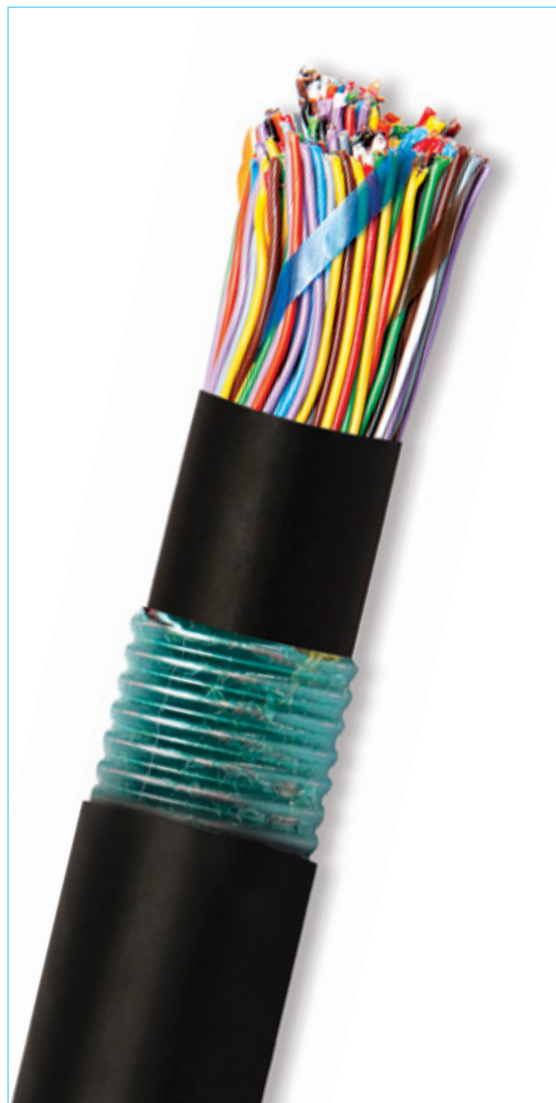
Frequency range	1-16 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Longitudinal water blocking	Petroleum jelly
Color code	Modified ANSI/ICEA S-80-576
Shield	None
Inner jacket	Heavy duty UV resistant PE
Armor and radial water blocking	150 μ Corrugated steel tape armor (CSA)
Outer jacket	UV resistant MDPE for outdoor use
Jacket color	Black

Standard & EU Directives Conformance

- Category 3 cable according to IEC 61156-4
- Category 3 cable according to ANSI/TIA-568.2-D
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max
Dynamic bend radius	50xOD mm min
Static bend radius	25xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max
Capacitance	66 pF/m max. @ 1kHz
Voltage rating	72 Vdc max
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	Inner OD mm	Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT3 Outdoor DJ CSA Cable Black	7.2	CSA+PE	12.8	96	500m Drum	11U03CN004N-BK2K
4-Pair 24 AWG U/UTP CAT3 Outdoor DJ CSA Cable Black	7.2	CSA+PE	12.8	96	1000m Drum	11U03CN004N-BK2L
25-Pair 24 AWG U/UTP CAT3 Outdoor DJ CSA Cable Black	12	CSA+PE	17.5	260	1000m Drum	11U03CN025N-BK2L
100-Pair 24 AWG U/UTP CAT3 Outdoor DJ CSA Cable Black	21	CSA+PE	26.5	775	1000m Drum	11U03CN100N-BK2L
200-Pair 24 AWG U/UTP CAT3 Outdoor DJ CSA Cable Black	28	CSA+PE	33.5	1585	500m Drum	11U03CN200N-BK2K
300-Pair 24 AWG U/UTP CAT3 Outdoor DJ CSA Cable Black	34	CSA+PE	40	2235	500m Drum	11U03CN300N-BK2K
400-Pair 24 AWG U/UTP CAT3 Outdoor DJ CSA Cable Black	38	CSA+PE	43	2825	500m Drum	11U03CN400N-BK2K
600-Pair 24 AWG U/UTP CAT3 Outdoor DJ CSA Cable Black	47	CSA+PE	52	4145	500m Drum	11U03CN600N-BK2K
900-Pair 24 AWG U/UTP CAT3 Outdoor DJ CSA Cable Black	56	CSA+PE	62	5945	500m Drum	11U03CN900N-BK2K

AT&T OutdoorLine Category 3

F/UTP 100 Ohm Horizontal and Backbone Outdoor SJ LAN Cables

Description

4-900 pair F/UTP shielded cables

Frequency range	1-16 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Water blocking	Petroleum jelly
Color code	Modified ANSI/ICEA S-80-576
Shield	Overall aluminum foil
Drain wire	Solid tin-coated copper wire
Jacket	Heavy duty UV resistant PE
Jacket color	Black

Standard & EU Directives Conformance

- Category 3 cable according to IEC 61156-4
- Category 3 cable according to ANSI/TIA-568.2-D
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max
Dynamic bend radius	8xOD mm min
Static bend radius	4xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max
Capacitance	66 pF/m max. @ 1kHz
Voltage rating	72 Vdc max
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG F/UTP CAT3 Outdoor SJ Cable Black	7.2	45	500m Drum	11P03EN004N-BK2K
4-Pair 24 AWG F/UTP CAT3 Outdoor SJ Cable Black	7.2	45	1000m Drum	11P03EN004N-BK2L
25-Pair 24 AWG F/UTP CAT3 Outdoor SJ Cable Black	14.0	210	1000m Drum	11P03EN025N-BK2L
100-Pair 24 AWG F/UTP CAT3 Outdoor SJ Cable Black	24.5	910	1000m Drum	11P03EN100N-BK2L
200-Pair 24 AWG F/UTP CAT3 Outdoor SJ Cable Black	33	1250	500m Drum	11P03EN200N-BK2K
300-Pair 24 AWG F/UTP CAT3 Outdoor SJ Cable Black	38	1850	500m Drum	11P03EN300N-BK2K
400-Pair 24 AWG F/UTP CAT3 Outdoor SJ Cable Black	45	2400	500m Drum	11P03EN400N-BK2K
600-Pair 24 AWG F/UTP CAT3 Outdoor SJ Cable Black	55	3570	500m Drum	11P03EN600N-BK2K
900-Pair 24 AWG F/UTP CAT3 Outdoor SJ Cable Black	65	5400	500m Drum	11P03EN900N-BK2K

AT&T OutdoorLine Category 3

F/UTP 100 Ohm Horizontal and Backbone Outdoor DJ MB LAN Cables

Description

4-900 pair F/UTP shielded outdoor double-jacketed cables with aluminum moisture-barrier

Frequency range	1-16 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Water blocking	Petroleum jelly
Color code	Modified ANSI/ICEA S-80-576
Shield	Overall aluminum foil
Drain wire	Solid tin-coated copper wire
Inner jacket	Heavy duty UV resistant PE
Radial water blocking	200 μ Aluminum moisture-barrier (MB)
Outer jacket	UV resistant MDPE for outdoor use
Jacket color	Black

Standard & EU Directives Conformance

- Category 3 cable according to IEC 61156-4
- Category 3 cable according to ANSI/TIA-568.2-D
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max
Dynamic bend radius	50xOD mm min
Static bend radius	25xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max
Capacitance	66 pF/m max. @ 1kHz
Voltage rating	72 Vdc max
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	Inner OD mm	Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG F/UTP CAT3 Outdoor MB Cable Black	8.0	MB+PE	12.5	74	500m Drum	11P03MN004N-BK2K
4-Pair 24 AWG F/UTP CAT3 Outdoor MB Cable Black	8.0	MB+PE	12.5	74	1000m Drum	11P03MN004N-BK2L
25-Pair 24 AWG F/UTP CAT3 Outdoor MB Cable Black	12.6	MB+PE	17	265	1000m Drum	11P03MN025N-BK2L
100-Pair 24 AWG F/UTP CAT3 Outdoor MB Cable Black	21.5	MB+PE	26	742	1000m Drum	11P03MN100N-BK2L
200-Pair 24 AWG F/UTP CAT3 Outdoor MB Cable Black	29	MB+PE	33.5	1600	500m Drum	11P03MN200N-BK2K
300-Pair 24 AWG F/UTP CAT3 Outdoor MB Cable Black	35	MB+PE	39	2250	500m Drum	11P03MN300N-BK2K
400-Pair 24 AWG F/UTP CAT3 Outdoor MB Cable Black	39	MB+PE	43	2840	500m Drum	11P03MN400N-BK2K
600-Pair 24 AWG F/UTP CAT3 Outdoor MB Cable Black	48	MB+PE	52	4165	500m Drum	11P03MN600N-BK2K
900-Pair 24 AWG F/UTP CAT3 Outdoor MB Cable Black	57	MB+PE	61	5970	500m Drum	11P03MN900N-BK2K

AT&T OutdoorLine Category 3

F/UTP 100 Ohm Horizontal and Backbone Outdoor DJ CSA LAN Cables

Description

4-900 pair F/UTP shielded outdoor double-jacketed cables with corrugated steel tape armor

Frequency range	1-16 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Longitudinal water blocking	Petroleum jelly
Color code	Modified ANSI/ICEA S-80-576
Shield	Overall aluminum foil
Drain wire	Solid tin-coated copper wire
Inner jacket	Heavy duty UV resistant PE
Armor and radial water blocking	150µ Corrugated steel tape armor (CSA)
Outer jacket	UV resistant MDPE for outdoor use
Jacket color	Black

Standard & EU Directives Conformance

- Category 3 cable according to IEC 61156-4
- Category 3 cable according to ANSI/TIA-568.2-D
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max
Dynamic bend radius	50xOD mm min
Static bend radius	25xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max
Capacitance	66 pF/m max. @ 1kHz
Voltage rating	72 Vdc max
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	Inner OD mm	Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG F/UTP CAT3 Outdoor CSA Cable Black	8.0	CSA+PE	13.5	107	500m Drum	11P03CN004N-BK2K
4-Pair 24 AWG F/UTP CAT3 Outdoor CSA Cable Black	8.0	CSA+PE	13.5	107	1000m Drum	11P03CN004N-BK2L
25-Pair 24 AWG F/UTP CAT3 Outdoor CSA Cable Black	12.6	CSA+PE	18	288	1000m Drum	11P03CN025N-BK2L
100-Pair 24 AWG F/UTP CAT3 Outdoor CSA Cable Black	21.5	CSA+PE	27	780	1000m Drum	11P03CN100N-BK2L
200-Pair 24 AWG F/UTP CAT3 Outdoor CSA Cable Black	29	CSA+PE	34.5	1660	500m Drum	11P03CN200N-BK2K
300-Pair 24 AWG F/UTP CAT3 Outdoor CSA Cable Black	35	CSA+PE	40	2320	500m Drum	11P03CN300N-BK2K
400-Pair 24 AWG F/UTP CAT3 Outdoor CSA Cable Black	39	CSA+PE	44	2920	500m Drum	11P03CN400N-BK2K
600-Pair 24 AWG F/UTP CAT3 Outdoor CSA Cable Black	48	CSA+PE	53	4260	500m Drum	11P03CN600N-BK2K
900-Pair 24 AWG F/UTP CAT3 Outdoor CSA Cable Black	57	CSA+PE	62	6080	500m Drum	11P03CN900N-BK2K

AT&T OutdoorLine Category 5e

U/UTP 100 Ohm Horizontal Outdoor DJ LAN Cables

Description

4 pair U/UTP outdoor double-jacketed cables

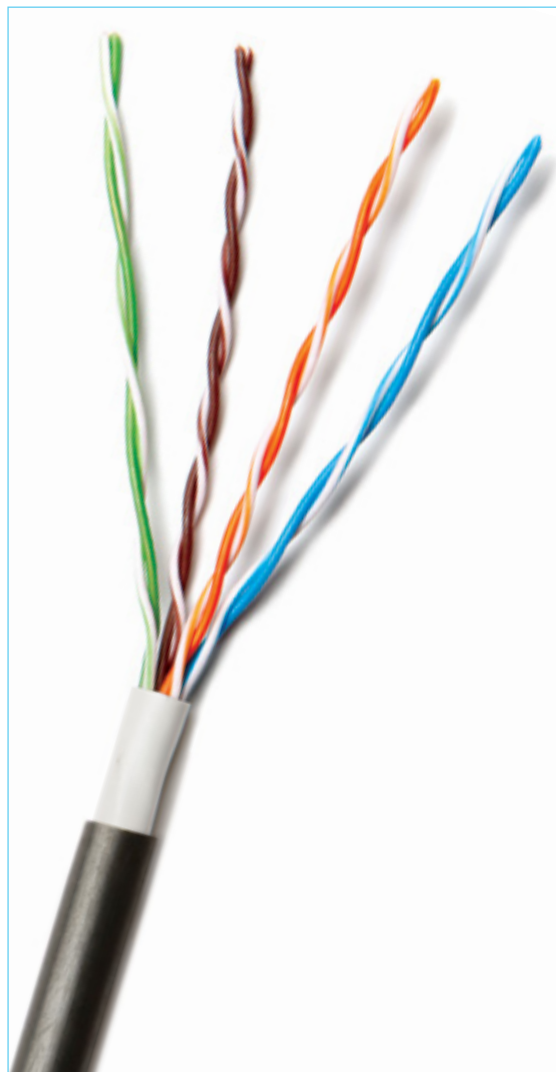
Frequency range	1-100 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Water blocking	None
Shield	None
Inner jacket	PVC or LS0H
Outer jacket - Option A	1.8 mm UV resistant PVC compound for outdoor use
Outer jacket - Option B	1.0 mm UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 5e cable according to IEC 61156-5
- Category 5e cable according to ANSI/TIA-568.2-D
- 100MHz cable according to EN 50288-3-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	8xOD mm min
Static bend radius	4xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	Inner Jacket Type	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT5e Outdoor DJ Cable Black	PVC	PVC	8.5	85	500m drum	11U5EBN004A-BK2K
4-Pair 24 AWG U/UTP CAT5e Outdoor DJ Cable Black	PVC	PVC	8.5	85	1000m drum	11U5EBN004A-BK2L
4-Pair 24 AWG U/UTP CAT5e Outdoor DJ Cable Black	PVC	PE	6.9	50	500m drum	11U5EEN004A-BK2K
4-Pair 24 AWG U/UTP CAT5e Outdoor DJ Cable Black	PVC	PE	6.9	50	1000m drum	11U5EEN004A-BK2L
4-Pair 24 AWG U/UTP CAT5e Outdoor DJ Cable Black	LS0H	PVC	8.5	85	500m drum	11U5EBN004B-BK2K
4-Pair 24 AWG U/UTP CAT5e Outdoor DJ Cable Black	LS0H	PVC	8.5	85	1000m drum	11U5EBN004B-BK2L
4-Pair 24 AWG U/UTP CAT5e Outdoor DJ Cable Black	LS0H	PE	6.9	50	500m drum	11U5EEN004B-BK2K
4-Pair 24 AWG U/UTP CAT5e Outdoor DJ Cable Black	LS0H	PE	6.9	50	1000m drum	11U5EEN004B-BK2L

AT&T OutdoorLine Category 5e

F/UTP 100 Ohm Horizontal Outdoor DJ LAN Cables

Description

4 pair F/UTP outdoor double-jacketed cables	
Frequency range	1-100 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Water blocking	None
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Inner jacket	PVC or LS0H
Outer jacket - Option A	1.8 mm UV resistant PVC compound for outdoor use
Outer jacket - Option B	1.0 mm UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 5e cable according to IEC 61156-5
- Category 5e cable according to ANSI/TIA-568.2-D
- 100MHz cable according to EN 50288-2-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	8xOD mm min
Static bend radius	4xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	Inner Jacket Type	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG F/UTP CAT5e Outdoor DJ Cable Black	PVC	PVC	9.5	100	500m drum	11P5EBN004A-BK2K
4-Pair 24 AWG F/UTP CAT5e Outdoor DJ Cable Black	PVC	PVC	9.5	100	1000m drum	11P5EBN004A-BK2L
4-Pair 24 AWG F/UTP CAT5e Outdoor DJ Cable Black	PVC	PE	7.9	60	500m drum	11P5EEN004A-BK2K
4-Pair 24 AWG F/UTP CAT5e Outdoor DJ Cable Black	PVC	PE	7.9	60	1000m drum	11P5EEN004A-BK2L
4-Pair 24 AWG F/UTP CAT5e Outdoor DJ Cable Black	LS0H	PVC	9.5	100	500m drum	11P5EBN004B-BK2K
4-Pair 24 AWG F/UTP CAT5e Outdoor DJ Cable Black	LS0H	PVC	9.5	100	1000m drum	11P5EBN004B-BK2L
4-Pair 24 AWG F/UTP CAT5e Outdoor DJ Cable Black	LS0H	PE	7.9	60	500m drum	11P5EEN004B-BK2K
4-Pair 24 AWG F/UTP CAT5e Outdoor DJ Cable Black	LS0H	PE	7.9	60	1000m drum	11P5EEN004B-BK2L

AT&T OutdoorLine Category 6

U/UTP 100 Ohm Horizontal Outdoor DJ LAN Cables

Description

4 pair U/UTP outdoor double-jacketed cables

Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568.2-D
Water blocking	None
Shield	None
Inner jacket	PVC or LS0H
Outer jacket - Option A	1.8 mm UV resistant PVC compound for outdoor use
Outer jacket - Option B	1.0 mm UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568.2-D
- 250MHz cable according to EN 50288-6-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	8xOD mm min
Static bend radius	4xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	Inner Jacket Type	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG U/UTP CAT6 Outdoor DJ Cable Black	PVC	PVC	9.3	97	500m drum	11U06BN004A-BK2K
4-Pair 23 AWG U/UTP CAT6 Outdoor DJ Cable Black	PVC	PVC	9.3	97	1000m drum	11U06BN004A-BK2L
4-Pair 23 AWG U/UTP CAT6 Outdoor DJ Cable Black	PVC	PE	7.7	57	500m drum	11U06EN004A-BK2K
4-Pair 23 AWG U/UTP CAT6 Outdoor DJ Cable Black	PVC	PE	7.7	57	1000m drum	11U06EN004A-BK2L
4-Pair 23 AWG U/UTP CAT6 Outdoor DJ Cable Black	LS0H	PVC	9.3	97	500m drum	11U06BN004B-BK2K
4-Pair 23 AWG U/UTP CAT6 Outdoor DJ Cable Black	LS0H	PVC	9.3	97	1000m drum	11U06BN004B-BK2L
4-Pair 23 AWG U/UTP CAT6 Outdoor DJ Cable Black	LS0H	PE	7.7	57	500m drum	11U06EN004B-BK2K
4-Pair 23 AWG U/UTP CAT6 Outdoor DJ Cable Black	LS0H	PE	7.7	57	1000m drum	11U06EN004B-BK2L

AT&T OutdoorLine Category 6

U/FTP 100 Ohm Horizontal Outdoor DJ LAN Cables

Description

4 pair U/FTP outdoor double-jacketed cables

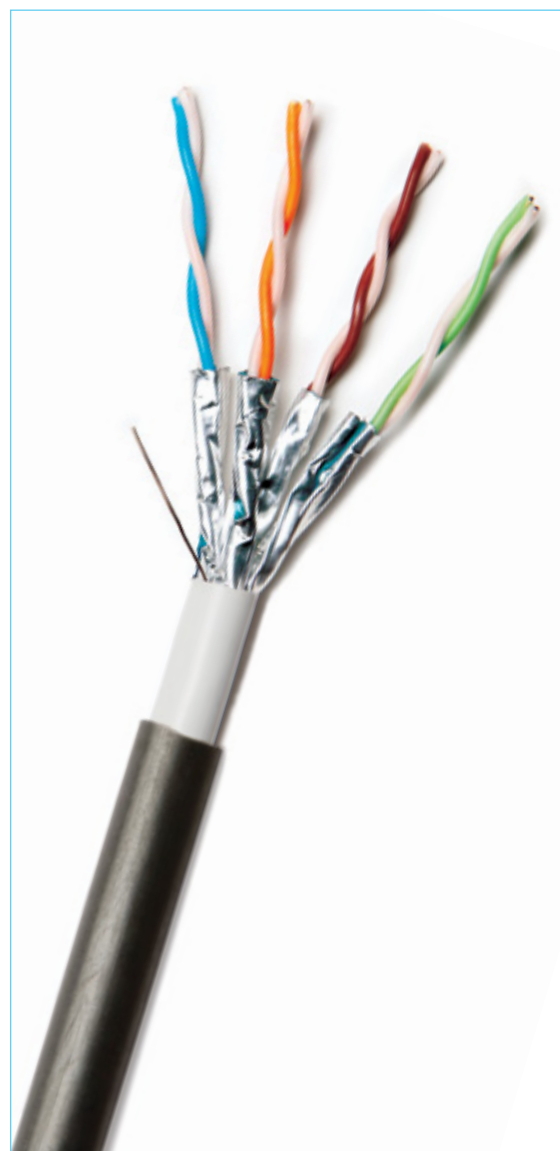
Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Water blocking	None
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper solid wire
Inner jacket	PVC or LSOH
Outer jacket - Option A	1.8 mm UV resistant PVC compound for outdoor use
Outer jacket - Option B	1.0 mm UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568.2-D
- 250MHz cable according to EN 50288-5-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	8xOD mm min
Static bend radius	4xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Inner Jacket Type	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG U/FTP CAT6 Outdoor DJ Cable Black	PVC	PVC	10.7	120	500m drum	11F06BN004A-BK2K
4-Pair 23 AWG U/FTP CAT6 Outdoor DJ Cable Black	PVC	PVC	10.7	120	1000m drum	11F06BN004A-BK2L
4-Pair 23 AWG U/FTP CAT6 Outdoor DJ Cable Black	PVC	PE	9.1	73	500m drum	11F06EN004A-BK2K
4-Pair 23 AWG U/FTP CAT6 Outdoor DJ Cable Black	PVC	PE	9.1	73	1000m drum	11F06EN004A-BK2L
4-Pair 23 AWG U/FTP CAT6 Outdoor DJ Cable Black	LSOH	PVC	10.7	120	500m drum	11F06BN004B-BK2K
4-Pair 23 AWG U/FTP CAT6 Outdoor DJ Cable Black	LSOH	PVC	10.7	120	1000m drum	11F06BN004B-BK2L
4-Pair 23 AWG U/FTP CAT6 Outdoor DJ Cable Black	LSOH	PE	9.1	73	500m drum	11F06EN004B-BK2K
4-Pair 23 AWG U/FTP CAT6 Outdoor DJ Cable Black	LSOH	PE	9.1	73	1000m drum	11F06EN004B-BK2L

AT&T OutdoorLine Category 6

S/FTP 100 Ohm Horizontal Outdoor DJ LAN Cables

Description

4 pair S/FTP outdoor double-jacketed cables

Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Water blocking	None
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	None
Inner jacket	PVC or LS0H
Outer jacket - Option A	1.8 mm UV resistant PVC compound for outdoor use
Outer jacket - Option B	1.0 mm UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 6 cable according to ANSI/TIA-568.2-D
- Category 6 cable according to IEC 61156-5
- 250 MHz cable according to EN 50288-5-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	8xOD mm min
Static bend radius	4xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Inner Jacket Type	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ Cable Black	PVC	PVC	10.7	123	500m drum	11S06BN004A-BK2K
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ Cable Black	PVC	PVC	10.7	123	1000m drum	11S06BN004A-BK2L
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ Cable Black	PVC	PE	9.1	76	500m drum	11S06EN004A-BK2K
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ Cable Black	PVC	PE	9.1	76	1000m drum	11S06EN004A-BK2L
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ Cable Black	LS0H	PVC	10.7	123	500m drum	11S06BN004B-BK2K
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ Cable Black	LS0H	PVC	10.7	123	1000m drum	11S06BN004B-BK2L
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ Cable Black	LS0H	PE	9.1	76	500m drum	11S06EN004B-BK2K
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ Cable Black	LS0H	PE	9.1	76	1000m drum	11S06EN004B-BK2L

AT&T OutdoorLine Category 6

S/FTP 100 Ohm Horizontal Outdoor DJ MB LAN Cables

Description

4 pair S/FTP outdoor double-jacketed cables with aluminum moisture-barrier

Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Longitudinal water blocking	None
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	None
Inner jacket	PVC or LS0H
Radial water blocking	200 μ Aluminum moisture-barrier (MB)
Outer jacket	UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 6 cable according to ANSI/TIA-568.2-D
- Category 6 cable according to IEC 61156-5
- 250 MHz cable according to EN 50288-5-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	50xOD mm min
Static bend radius	25xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Inner Jacket Type	Inner OD mm	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ MB Cable Black	PVC	7.0	MB+PE	11.7	126	500m drum	11S06MN004A-BK2K
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ MB Cable Black	PVC	7.0	MB+PE	11.7	126	1000m drum	11S06MN004A-BK2L
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ MB Cable Black	LS0H	7.0	MB+PE	11.7	126	500m drum	11S06MN004B-BK2K
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ MB Cable Black	LS0H	7.0	MB+PE	11.7	126	1000m drum	11S06MN004B-BK2L

AT&T OutdoorLine Category 6

S/FTP 100 Ohm Horizontal Outdoor DJ CSA LAN Cables

Description

4 pair S/FTP outdoor double-jacketed cables with corrugated steel tape armor

Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Longitudinal water blocking	None
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	None
Inner jacket	PVC or LS0H
Armor and radial water blocking	150µ Corrugated steel tape armor (CSA)
Outer jacket	UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 6 cable according to ANSI/TIA-568.2-D
- Category 6 cable according to IEC 61156-5
- 250 MHz cable according to EN 50288-5-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	50xOD mm min
Static bend radius	25xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Inner Jacket Type	Inner OD mm	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ CSA Cable Black	PVC	7.0	CSA+PE	12.7	150	500m drum	11S06CN004A-BK2K
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ CSA Cable Black	PVC	7.0	CSA+PE	12.7	150	1000m drum	11S06CN004A-BK2L
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ CSA Cable Black	LS0H	7.0	CSA+PE	12.7	150	500m drum	11S06CN004B-BK2K
4-Pair 23 AWG S/FTP CAT6 Outdoor DJ CSA Cable Black	LS0H	7.0	CSA+PE	12.7	150	1000m drum	11S06CN004B-BK2L

AT&T OutdoorLine Category 6A

U/FTP 100 Ohm Horizontal Outdoor DJ LAN Cables

Description

4 pair U/FTP outdoor double-jacketed cables

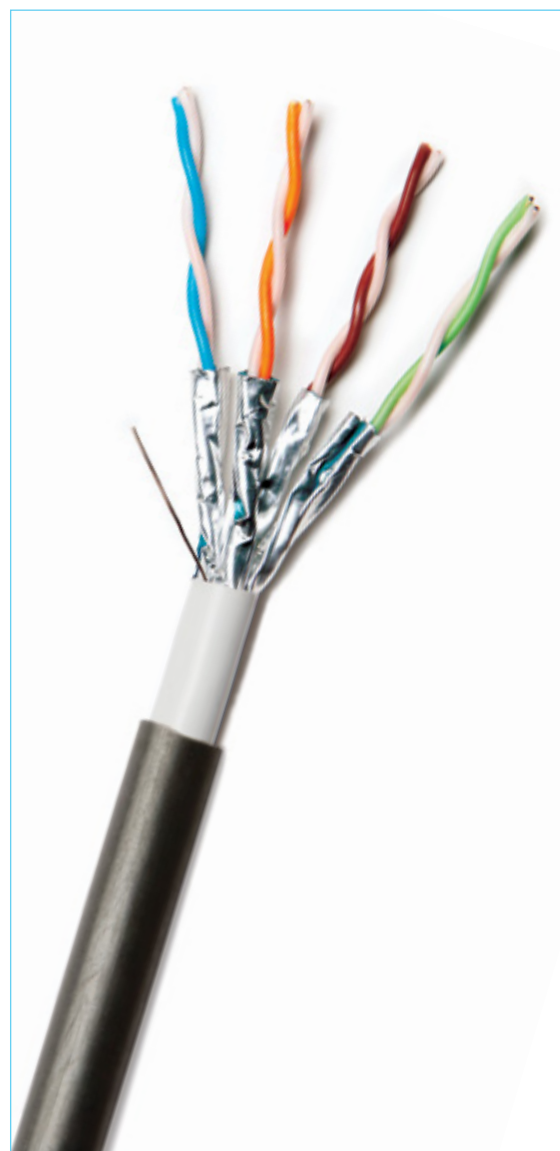
Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Water blocking	None
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper solid wire
Inner jacket	PVC or LS0H
Outer jacket - Option A	1.8 mm UV resistant PVC compound for outdoor use
Outer jacket - Option B	1.0 mm UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568.2-D
- 500MHz cable according to EN 50288-10-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	8xOD mm min
Static bend radius	4xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Inner Jacket Type	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG U/FTP CAT6A Outdoor DJ Cable Black	PVC	PVC	10.7	120	500m drum	11F6ABN004A-BK2K
4-Pair 23 AWG U/FTP CAT6A Outdoor DJ Cable Black	PVC	PVC	10.7	120	1000m drum	11F6ABN004A-BK2L
4-Pair 23 AWG U/FTP CAT6A Outdoor DJ Cable Black	PVC	PE	9.1	73	500m drum	11F6AEN004A-BK2K
4-Pair 23 AWG U/FTP CAT6A Outdoor DJ Cable Black	PVC	PE	9.1	73	1000m drum	11F6AEN004A-BK2L
4-Pair 23 AWG U/FTP CAT6A Outdoor DJ Cable Black	LS0H	PVC	10.7	120	500m drum	11F6ABN004B-BK2K
4-Pair 23 AWG U/FTP CAT6A Outdoor DJ Cable Black	LS0H	PVC	10.7	120	1000m drum	11F6ABN004B-BK2L
4-Pair 23 AWG U/FTP CAT6A Outdoor DJ Cable Black	LS0H	PE	9.1	73	500m drum	11F6AEN004B-BK2K
4-Pair 23 AWG U/FTP CAT6A Outdoor DJ Cable Black	LS0H	PE	9.1	73	1000m drum	11F6AEN004B-BK2L

AT&T OutdoorLine Category 6A

S/FTP 100 Ohm Horizontal Outdoor DJ LAN Cables

Description

4 pair S/FTP outdoor double-jacketed cables	
Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Water blocking	None
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	None
Inner jacket	PVC or LSOH
Outer jacket - Option A	1.8 mm UV resistant PVC compound for outdoor use
Outer jacket - Option B	1.0 mm UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 6A cable according to ANSI/TIA-568.2-D
- Category 6A cable according to IEC 61156-5
- 500 MHz cable according to EN 50288-10-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	8xOD mm min
Static bend radius	4xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Inner Jacket Type	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ Cable Black	PVC	PVC	10.7	123	500m drum	11S6ABN004A-BK2K
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ Cable Black	PVC	PVC	10.7	123	1000m drum	11S6ABN004A-BK2L
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ Cable Black	PVC	PE	9.1	76	500m drum	11S6AEN004A-BK2K
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ Cable Black	PVC	PE	9.1	76	1000m drum	11S6AEN004A-BK2L
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ Cable Black	LSOH	PVC	10.7	123	500m drum	11S6ABN004B-BK2K
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ Cable Black	LSOH	PVC	10.7	123	1000m drum	11S6ABN004B-BK2L
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ Cable Black	LSOH	PE	9.1	76	500m drum	11S6AEN004B-BK2K
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ Cable Black	LSOH	PE	9.1	76	1000m drum	11S6AEN004B-BK2L

AT&T OutdoorLine Category 6A

S/FTP 100 Ohm Horizontal Outdoor DJ MB LAN Cables

Description

4 pair S/FTP outdoor double-jacketed cables with aluminum moisture-barrier

Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Longitudinal water blocking	None
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	None
Inner jacket	PVC or LS0H
Radial water blocking	200μ Aluminum moisture-barrier (MB)
Outer jacket	UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 6A cable according to ANSI/TIA-568.2-D
- Category 6A cable according to IEC 61156-5
- 500 MHz cable according to EN 50288-10-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	50xOD mm min
Static bend radius	25xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.

Ordering Information

Description	Inner Jacket Type	Inner OD mm	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ MB Cable Black	PVC	7.0	MB+PE	11.7	126	500m drum	11S6AMN004A-BK2K
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ MB Cable Black	PVC	7.0	MB+PE	11.7	126	1000m drum	11S6AMN004A-BK2L
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ MB Cable Black	LS0H	7.0	MB+PE	11.7	126	500m drum	11S6AMN004B-BK2K
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ MB Cable Black	LS0H	7.0	MB+PE	11.7	126	1000m drum	11S6AMN004B-BK2L



AT&T OutdoorLine Category 6A

S/FTP 100 Ohm Horizontal Outdoor DJ CSA LAN Cables

Description

4 pair S/FTP outdoor double-jacketed cables with corrugated steel tape armor

Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Longitudinal water blocking	None
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	None
Inner jacket	PVC or LS0H
Armor and radial water blocking	150μ Corrugated steel tape armor (CSA)
Outer jacket	UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 6A cable according to ANSI/TIA-568.2-D
- Category 6A cable according to IEC 61156-5
- 500 MHz cable according to EN 50288-10-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	50xOD mm min
Static bend radius	25xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Inner Jacket Type	Inner OD mm	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ CSA Cable Black	PVC	7.0	CSA+PE	12.7	150	500m drum	11S6ACN004A-BK2K
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ CSA Cable Black	PVC	7.0	CSA+PE	12.7	150	1000m drum	11S6ACN004A-BK2L
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ CSA Cable Black	LS0H	7.0	CSA+PE	12.7	150	500m drum	11S6ACN004B-BK2K
4-Pair 23 AWG S/FTP CAT6A Outdoor DJ CSA Cable Black	LS0H	7.0	CSA+PE	12.7	150	1000m drum	11S6ACN004B-BK2L

AT&T OutdoorLine Category 7

S/FTP 100 Ohm Horizontal Outdoor DJ LAN Cables

Description

4 pair S/FTP outdoor double-jacketed cables

Frequency range	1-600 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Water blocking	None
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	None
Inner jacket	PVC or LSOH
Outer jacket - Option A	1.8 mm UV resistant PVC compound for outdoor use
Outer jacket - Option B	1.0 mm UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 7 cable according to IEC 61156-5
- 600MHz cable according to EN 50288-4-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	8xOD mm min
Static bend radius	4xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Inner Jacket Type	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ Cable Black	PVC	PVC	10.7	123	500m drum	11S07BN004A-BK2K
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ Cable Black	PVC	PVC	10.7	123	1000m drum	11S07BN004A-BK2L
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ Cable Black	PVC	PE	9.1	76	500m drum	11S07EN004A-BK2K
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ Cable Black	PVC	PE	9.1	76	1000m drum	11S07EN004A-BK2L
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ Cable Black	LSOH	PVC	10.7	123	500m drum	11S07BN004B-BK2K
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ Cable Black	LSOH	PVC	10.7	123	1000m drum	11S07BN004B-BK2L
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ Cable Black	LSOH	PE	9.1	76	500m drum	11S07EN004B-BK2K
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ Cable Black	LSOH	PE	9.1	76	1000m drum	11S07EN004B-BK2L

AT&T OutdoorLine Category 7

S/FTP 100 Ohm Horizontal Outdoor DJ MB LAN Cables

Description

4 pair S/FTP outdoor double-jacketed cables with aluminum moisture-barrier

Frequency range	1-600 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Longitudinal water blocking	None
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	None
Inner jacket	PVC or LS0H
Radial water blocking	200μ Aluminum moisture-barrier (MB)
Outer jacket	UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 7 cable according to IEC 61156-5
- 600 MHz cable according to EN 50288-4-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	50xOD mm min
Static bend radius	25xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Inner Jacket Type	Inner OD mm	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ MB Cable Black	PVC	7.0	MB+PE	11.7	126	500m drum	11S07MN004A-BK2K
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ MB Cable Black	PVC	7.0	MB+PE	11.7	126	1000m drum	11S07MN004A-BK2L
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ MB Cable Black	LS0H	7.0	MB+PE	11.7	126	500m drum	11S07MN004B-BK2K
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ MB Cable Black	LS0H	7.0	MB+PE	11.7	126	1000m drum	11S07MN004B-BK2L

AT&T OutdoorLine Category 7

S/FTP 100 Ohm Horizontal Outdoor DJ CSA LAN Cables

Description

4 pair S/FTP outdoor double-jacketed cables with corrugated steel tape armor

Frequency range	1-600 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Longitudinal water blocking	None
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	None
Inner jacket	PVC or LS0H
Aarmor and radial water blocking	150 μ Corrugated steel tape armor (CSA)
Outer jacket	UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 7 cable according to IEC 61156-5
- 600 MHz cable according to EN 50288-4-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	50xOD mm min
Static bend radius	25xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Inner Jacket Type	Inner OD mm	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ CSA Cable Black	PVC	7.0	CSA+PE	12.7	150	500m drum	11S07CN004A-BK2K
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ CSA Cable Black	PVC	7.0	CSA+PE	12.7	150	1000m drum	11S07CN004A-BK2L
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ CSA Cable Black	LS0H	7.0	CSA+PE	12.7	150	500m drum	11S07CN004B-BK2K
4-Pair 23 AWG S/FTP CAT7 Outdoor DJ CSA Cable Black	LS0H	7.0	CSA+PE	12.7	150	1000m drum	11S07CN004B-BK2L

AT&T OutdoorLine Category 7A

S/FTP 100 Ohm Horizontal Outdoor DJ LAN Cables

Description

4 pair S/FTP outdoor double-jacketed cables	
Frequency range	1-1000 MHz
Conductor	22 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Water blocking	None
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	None
Inner jacket	PVC or LS0H
Outer jacket - Option A	1.8 mm UV resistant PVC compound for outdoor use
Outer jacket - Option B	1.0 mm UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 7A cable according to IEC 61156-5
- 1000MHz cable according to EN 50288-11
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	8xOD mm min
Static bend radius	4xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	70 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Inner Jacket Type	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ Cable Black	PVC	PVC	10.9	128	500m drum	11S7ABN004A-BK2K
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ Cable Black	PVC	PVC	10.9	128	1000m drum	11S7ABN004A-BK2L
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ Cable Black	PVC	PE	9.3	80	500m drum	11S7AEN004A-BK2K
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ Cable Black	PVC	PE	9.3	80	1000m drum	11S7AEN004A-BK2L
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ Cable Black	LS0H	PVC	10.9	128	500m drum	11S7ABN004B-BK2K
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ Cable Black	LS0H	PVC	10.9	128	1000m drum	11S7ABN004B-BK2L
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ Cable Black	LS0H	PE	9.3	80	500m drum	11S7AEN004B-BK2K
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ Cable Black	LS0H	PE	9.3	80	1000m drum	11S7AEN004B-BK2L

AT&T OutdoorLine Category 7A

S/FTP 100 Ohm Horizontal Outdoor DJ MB LAN Cables

Description

4 pair S/FTP outdoor double-jacketed cables with aluminum moisture-barrier

Frequency range	1-1000 MHz
Conductor	22 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Longitudinal water blocking	None
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	None
Inner jacket	PVC or LS0H
Radial water blocking	200μ Aluminum moisture-barrier (MB)
Outer jacket	UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 7A cable according to IEC 61156-5
- 1000 MHz cable according to EN 50288-9-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	70 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Inner Jacket Type	Inner OD mm	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ MB Cable Black	PVC	7.2	MB+PE	12.0	135	500m drum	11S7AMN004A-BK2K
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ MB Cable Black	PVC	7.2	MB+PE	12.0	135	1000m drum	11S7AMN004A-BK2L
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ MB Cable Black	LS0H	7.2	MB+PE	12.0	135	500m drum	11S7AMN004B-BK2K
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ MB Cable Black	LS0H	7.2	MB+PE	12.0	135	1000m drum	11S7AMN004B-BK2L

AT&T OutdoorLine Category 7A

S/FTP 100 Ohm Horizontal Outdoor DJ CSA LAN Cables

Description

4 pair S/FTP outdoor double-jacketed cables with corrugated steel tape armor

Frequency range	1-1000 MHz
Conductor	22 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (Solid colors)
Longitudinal water blocking	None
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	None
Inner jacket	PVC or LS0H
Armor and radial water blocking	150µ Corrugated steel tape armor (CSA)
Outer jacket	UV resistant MDPE for outdoor use
Outer jacket color	Black

Standard & EU Directives Conformance

- Category 7A cable according to IEC 61156-5
- 1000 MHz cable according to EN 50288-9-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Dynamic bend radius	50xOD mm min
Static bend radius	25xOD mm min
Operating temperature	-25 to +60C
Installation temperature	0 to +50C
DC resistance	70 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	Inner Jacket Type	Inner OD mm	Outer Jacket Type	OD mm	Weight kg/km	Packaging	P/N
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ CSA Cable Black	PVC	7.2	CSA+PE	13.0	157	500m drum	11S7ACN004A-BK2K
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ CSA Cable Black	PVC	7.2	CSA+PE	13.0	157	1000m drum	11S7ACN004A-BK2L
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ CSA Cable Black	LS0H	7.2	CSA+PE	13.0	157	500m drum	11S7ACN004B-BK2K
4-Pair 22 AWG S/FTP CAT7A Outdoor DJ CSA Cable Black	LS0H	7.2	CSA+PE	13.0	157	1000m drum	11S7ACN004B-BK2L

AT&T OutdoorLine Category 5e LAN Copper Connectivity

Shielded & Unshielded RJ45 Industrial Plugs

Description

8P8C shielded & unshielded RJ45 IP67 industrial plugs

Frequency range 1-100 MHz

Compatible conductors 24-26 AWG Solid or stranded

Contacts Gold plating over nickel plated copper alloy

Shield (if present) Corrosion resistant metal casing

Housing FR Polycarbonate

Protective covers FR UV-resistant heavy-duty plastic material

Standard & EU Directives Conformance

- 100MHz connectors according to IEC 60603-7-2&3
- 100MHz connectors according to EN 60603-7-2&3
- Category 5e connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- IEC 60529 IP67
- UL 1863 Communications-Circuit Accessories Safety

Mechanical & Electrical Properties

Ampacity 1.5 A max.

Cable form compatibility Flat or round

Insertion/withdrawal 750 cycles Level A durability

Cable re-termination 0 terminations

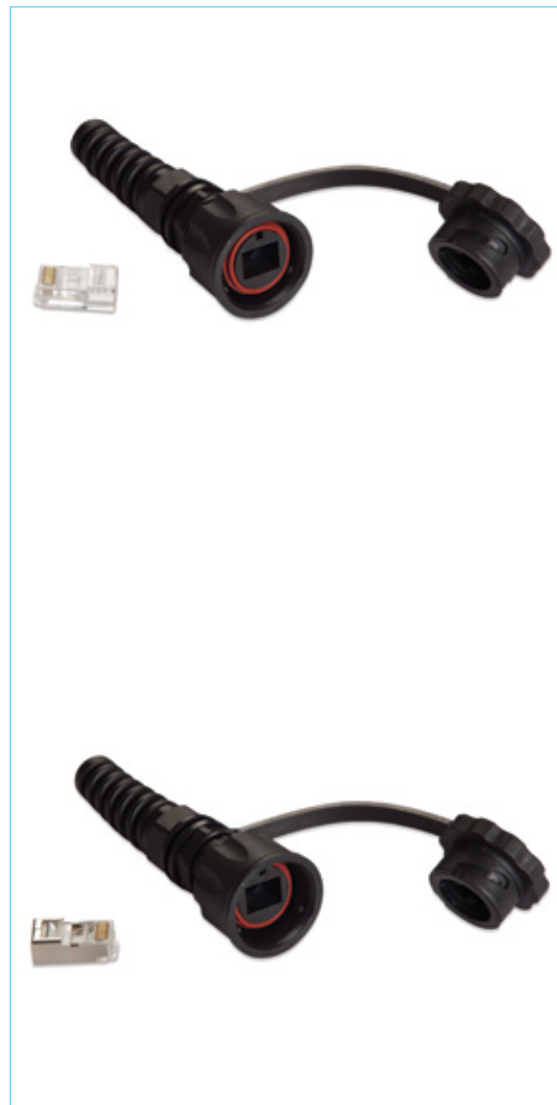
Operating temperature -25 to +70C at 5-93% RH (Non condensing)

Contact resistance 20 mOhm max.

DC resistance 0.1 Ohm max.

Voltage rating 72 Vdc max.

Insulation resistance 500 MegaOhm min. @500 Vdc



Ordering Information

Description	Color	Conductor	Packaging	P/N
8P8C RJ45 Unshielded CAT5e IP67 Industrial Plug	Black	Solid	1/Bag	15U5EFV008A-BK61
8P8C RJ45 Unshielded CAT5e IP67 Industrial Plug	Black	Stranded	1/Bag	15U5EFV008B-BK61
8P8C RJ45 Unshielded CAT5e IP67 Industrial Plug	Black	Solid & Stranded	1/Bag	15U5EFV008C-BK61
8P8C RJ45 Shielded CAT5e IP67 Industrial Plug	Black	Solid	1/Bag	15S5EFV008A-BK61
8P8C RJ45 Shielded CAT5e IP67 Industrial Plug	Black	Stranded	1/Bag	15S5EFV008B-BK61
8P8C RJ45 Shielded CAT5e IP67 Industrial Plug	Black	Solid & Stranded	1/Bag	15S5EFV008C-BK61

AT&T OutdoorLine Category 5e LAN Copper Connectivity

Shielded & Unshielded RJ45 Industrial Jacks

Description

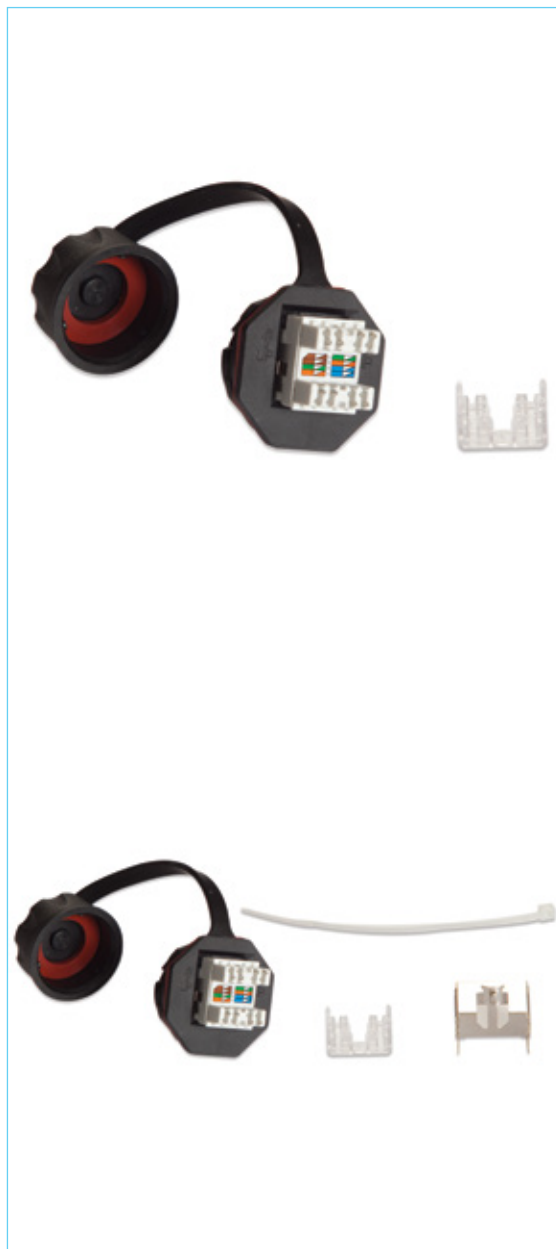
8P8C shielded RJ45 punch-down IP67 industrial jacks	
Frequency range	1-100 MHz
Compatible conductors	22-24 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50μ-Inch Gold plating
Shield (if present)	Corrosion-resistant metal case
Housing	High impact FR compound
Protective covers	FR UV-resistant heavy-duty plastic material

Standard & EU Directives Conformance

- 100MHz connectors according to IEC 60603-7-2&3
- 100MHz connectors according to EN 60603-7-2&3
- Category 5e PL/Channel according to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- IEC 60529 IP67
- UL 1863 Communications-Circuit Accessories Safety

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	LSA-Plus IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-25 to +70C at 5-93% RH (Non condensing)
Ampacity	1.5 A max. @ 35C.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc
Recommended punch-down tool	LSA-Plus



Ordering Information

Description	Jack Color	Cover Color	Form	Packaging	P/N
8P8C RJ45 Unshielded CAT5e PD IP67 Industrial Keystone Jack	White	Black	Straight	1/Bag	15A5EFV008A-BK61
8P8C RJ45 Shielded CAT5e PD IP67 Industrial Keystone Jack	Metal	Black	Straight	1/Bag	15C5EFV008A-BK61

AT&T OutdoorLine Category 5e LAN Copper Connectivity

Shielded & Unshielded RJ45 Industrial Modular Cords

Description

Shielded F/UTP & unshielded U/UTP RJ45/RJ45 IP67 industrial modular cords

Frequency range	1-100 MHz
Conductor - shielded	26 AWG 7x0.16mm stranded bare copper cords
Conductor - unshielded	24 AWG 7x0.20mm stranded bare copper cords
Insulation	PO
Color code	ANSI/TIA-568-C
Shielded cords shield	Aluminum foil
Jacket	FR Heavy-duty UV resistant PVC compound
Standard jacket color	Black
Standard boot color	Black (Other colors available)
Protective covers	FR UV-resistant heavy-duty plastic material

Standard & EU Directives Conformance

- Category 5e modular cords according to ISO/IEC 11801
- Category 5e modular cords according to EN 50173
- Category 5e modular cords according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 flame test (plug)
- EU Directive 2011/65/EU (RoHS-2)
- IEC 60529 IP67
- UL 1863 Communications-Circuit Accessories Safety

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Shielded cords plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C at 5-93% RH (Non condensing)
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 24 AWG RJ45/RJ45 Unshielded U/UTP CAT5e Industrial Modular Cord	0.5	Black	Black	1/Bag	14U5EFA005A-BK61
4-Pair 24 AWG RJ45/RJ45 Unshielded U/UTP CAT5e Industrial Modular Cord	1.0	Black	Black	1/Bag	14U5EFA010A-BK61
4-Pair 24 AWG RJ45/RJ45 Unshielded U/UTP CAT5e Industrial Modular Cord	2.0	Black	Black	1/Bag	14U5EFA020A-BK61
4-Pair 24 AWG RJ45/RJ45 Unshielded U/UTP CAT5e Industrial Modular Cord	3.0	Black	Black	1/Bag	14U5EFA030A-BK61
4-Pair 24 AWG RJ45/RJ45 Unshielded U/UTP CAT5e Industrial Modular Cord	5.0	Black	Black	1/Bag	14U5EFA050A-BK61
4-Pair 24 AWG RJ45/RJ45 Unshielded U/UTP CAT5e Industrial Modular Cord	10	Black	Black	1/Bag	14U5EFA100A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e Industrial Modular Cord	0.5	Black	Black	1/Bag	14P5EFA005A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e Industrial Modular Cord	1.0	Black	Black	1/Bag	14P5EFA010A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e Industrial Modular Cord	2.0	Black	Black	1/Bag	14P5EFA020A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e Industrial Modular Cord	3.0	Black	Black	1/Bag	14P5EFA030A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e Industrial Modular Cord	5.0	Black	Black	1/Bag	14P5EFA050A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e Industrial Modular Cord	10	Black	Black	1/Bag	14P5EFA100A-BK61



AT&T OutdoorLine Category 6 LAN Copper Connectivity

Shielded & Unshielded RJ45 Industrial Plugs

Description

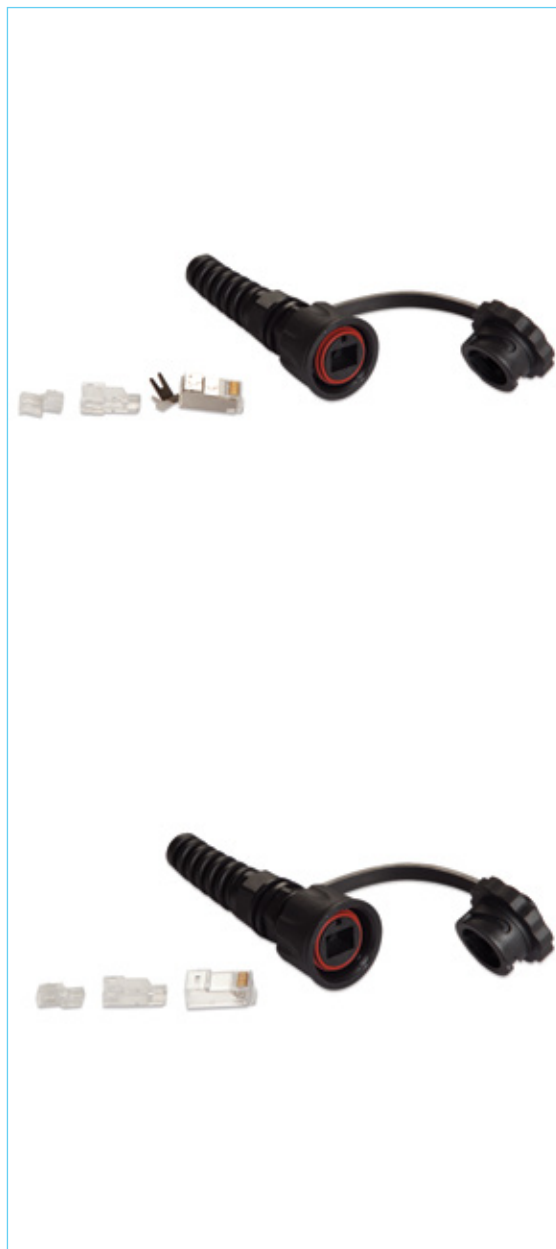
8P8C shielded & unshielded RJ45 IP67 industrial plugs	
Frequency range	1-250 MHz
Compatible conductors	24-26 AWG Solid or stranded
Contacts	Gold plating over nickel plated copper alloy
Shield (if present)	Corrosion resistant metal casing
Housing	FR Polycarbonate
Protective covers	FR UV-resistant heavy-duty plastic material

Standard & EU Directives Conformance

- 250MHz connectors according to IEC 60603-7-4&5
- 250MHz connectors according to EN 60603-7-4&5
- Category 6 connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- IEC 60529 IP67
- UL 1863 Communications-Circuit Accessories Safety

Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Cable re-termination	0 terminations
Operating temperature	-25 to +70C at 5-93% RH (Non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Plug Color	Cover Color	Conductor	Packaging	P/N
8P8C RJ45 Unshielded CAT6 IP67 Industrial Plug	Transparent	Black	Solid	1/Bag	15U06FV008A-BK61
8P8C RJ45 Unshielded CAT6 IP67 Industrial Plug	Transparent	Black	Stranded	1/Bag	15U06FV008B-BK61
8P8C RJ45 Unshielded CAT6 IP67 Industrial Plug	Transparent	Black	Solid & Stranded	1/Bag	15U06FV008C-BK61
8P8C RJ45 Shielded CAT6 IP67 Industrial Plug	Transparent	Black	Solid	1/Bag	15S06FV008A-BK61
8P8C RJ45 Shielded CAT6 IP67 Industrial Plug	Transparent	Black	Stranded	1/Bag	15S06FV008B-BK61
8P8C RJ45 Shielded CAT6 IP67 Industrial Plug	Transparent	Black	Solid & Stranded	1/Bag	15S06FV008C-BK61

AT&T OutdoorLine Category 6 LAN Copper Connectivity

Shielded & Unshielded RJ45 Industrial Jacks

Description

8P8C shielded RJ45 punch-down IP67 industrial jacks	
Frequency range	1-250 MHz
Compatible conductors	22-24 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50μ-Inch Gold plating
Shield (if present)	Corrosion-resistant metal case
Housing	High impact FR compound
Protective covers	FR UV-resistant heavy-duty plastic material

Standard & EU Directives Conformance

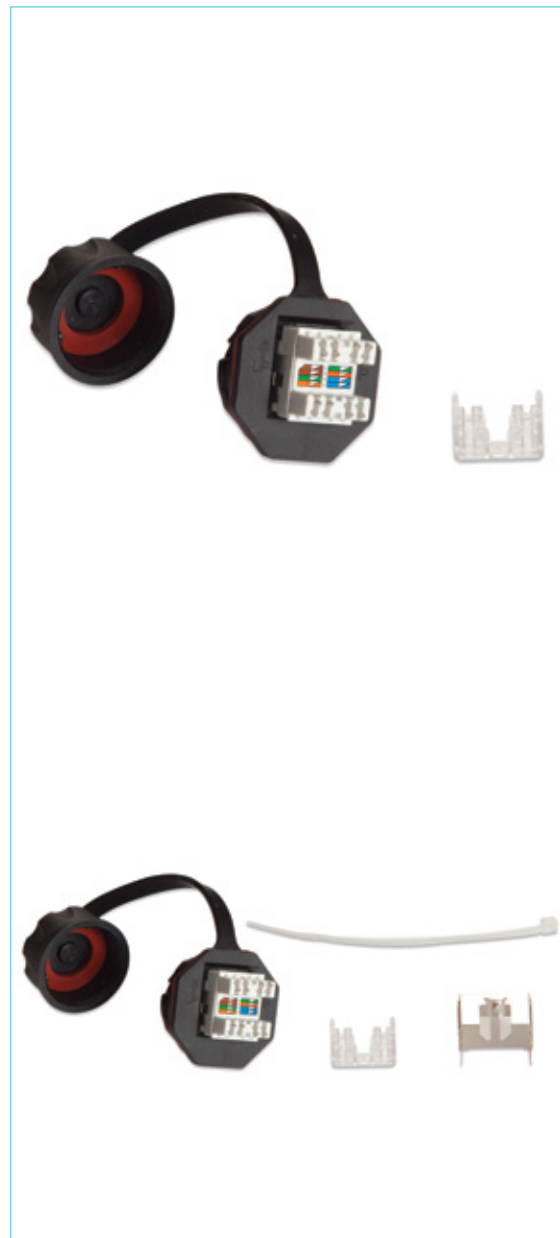
- 250MHz connectors according to IEC 60603-7-4&5
- 250MHz connectors according to EN 60603-7-4&5
- Category 6 PL/Channel according to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- IEC 60529 IP67
- UL 1863 Communications-Circuit Accessories Safety

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	LSA-Plus IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-25 to +70C at 5-93% RH (Non condensing)
Ampacity	1.5 A max. @ 35C.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc
Recommended punch-down tool	LSA-Plus

Ordering Information

Description	Jack Color	Cover Color	Form	Packaging	P/N
8P8C RJ45 Unshielded CAT6 PD IP67 Industrial Keystone Jack	White	Black	Straight	1/Bag	15A06FV008A-BK61
8P8C RJ45 Shielded CAT6 PD IP67 Industrial Keystone Jack	Metal	Black	Straight	1/Bag	15C06FV008A-BK61



AT&T OutdoorLine Category 6 LAN Copper Connectivity

Shielded & Unshielded RJ45 Industrial Modular Cords

Description

Shielded F/UTP & unshielded U/UTP RJ45/RJ45 IP67 industrial modular cords

Frequency range	1-250 MHz
Conductor - shielded cords	26 AWG 7x0.16mm stranded bare copper
Conductor - unshielded cords	24 AWG 7x0.20mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C
Shielded cords shield	Aluminum foil
Jacket	FR Heavy-duty UV resistant PVC compound
Standard jacket color	Black
Standard boot color	Black (Other colors available)
Protective covers	FR UV-resistant heavy-duty plastic material

Standard & EU Directives Conformance

- Category 6 modular cords according to ISO/IEC 11801
- Category 6 modular cords according to EN 50173
- Category 6 modular cords according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 flame test (plug)
- EU Directive 2011/65/EU (RoHS-2)
- IEC 60529 IP67
- UL 1863 Communications-Circuit Accessories Safety

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Shielded cords plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C at 5-93% RH (Non condensing)
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 24 AWG RJ45/RJ45 Unshielded U/UTP CAT6 Industrial Modular Cord	0.5	Black	Black	1/Bag	14U06FA005A-BK61
4-Pair 24 AWG RJ45/RJ45 Unshielded U/UTP CAT6 Industrial Modular Cord	1.0	Black	Black	1/Bag	14U06FA010A-BK61
4-Pair 24 AWG RJ45/RJ45 Unshielded U/UTP CAT6 Industrial Modular Cord	2.0	Black	Black	1/Bag	14U06FA020A-BK61
4-Pair 24 AWG RJ45/RJ45 Unshielded U/UTP CAT6 Industrial Modular Cord	3.0	Black	Black	1/Bag	14U06FA030A-BK61
4-Pair 24 AWG RJ45/RJ45 Unshielded U/UTP CAT6 Industrial Modular Cord	5.0	Black	Black	1/Bag	14U06FA050A-BK61
4-Pair 24 AWG RJ45/RJ45 Unshielded U/UTP CAT6 Industrial Modular Cord	10	Black	Black	1/Bag	14U06FA100A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT6 Industrial Modular Cord	0.5	Black	Black	1/Bag	14P06FA005A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT6 Industrial Modular Cord	1.0	Black	Black	1/Bag	14P06FA010A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT6 Industrial Modular Cord	2.0	Black	Black	1/Bag	14P06FA020A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT6 Industrial Modular Cord	3.0	Black	Black	1/Bag	14P06FA030A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT6 Industrial Modular Cord	5.0	Black	Black	1/Bag	14P06FA050A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT6 Industrial Modular Cord	10	Black	Black	1/Bag	14P06FA100A-BK61

AT&T OutdoorLine Category 6A LAN Copper Connectivity

Shielded RJ45 Industrial Plugs

Description

8P8C shielded RJ45 IP67 industrial plugs	
Frequency range	1-500 MHz
Compatible conductors	24-26 AWG Solid or stranded
Contacts	Gold plating over nickel plated copper alloy
Shield	Corrosion resistant metal casing
Housing	FR Polycarbonate
Protective covers	FR UV-resistant heavy-duty plastic material

Standard & EU Directives Conformance

- 500MHz connectors according to IEC 60603-7-51
- Category 6A connecting hardware acc. to ISO/IEC 11801
- Category 6A connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- IEC 60529 IP67
- UL 1863 Communications-Circuit Accessories Safety

Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Cable re-termination	0 terminations
Operating temperature	-25 to +70C at 5-93% RH (Non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Plug Color	Cover Color	Conductor	Packaging	P/N
8P8C RJ45 Shielded CAT6A IP67 Industrial Plug	Transparent	Black	Solid	1/Bag	15S6AFV008A-BK61
8P8C RJ45 Shielded CAT6A IP67 Industrial Plug	Transparent	Black	Stranded	1/Bag	15S6AFV008B-BK61
8P8C RJ45 Shielded CAT6A IP67 Industrial Plug	Transparent	Black	Solid & Stranded	1/Bag	15S6AFV008C-BK61

AT&T OutdoorLine
Category 6A LAN Copper Connectivity

Shielded RJ45 Industrial Jacks

Description

8P8C shielded RJ45 punch-down IP67 industrial jacks	
Frequency range	1-500 MHz
Compatible conductors	22-24 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	Corrosion-resistant metal case
Housing	High impact FR compound
Protective covers	FR UV-resistant heavy-duty plastic material

Standard & EU Directives Conformance

- 500 MHz connectors according to IEC 60603-7-51
- Category 6A PL/Channel according to ISO/IEC 11801
- Category 6A PL/Channel according to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- IEC 60529 IP67
- UL 1863 Communications-Circuit Accessories Safety

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	LSA-Plus IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-25 to +70C at 5-93% RH (Non condensing)
Ampacity	1.5 A max. @ 35C.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc
Recommended punch-down tool	LSA-Plus



Ordering Information

Description	Jack Color	Cover Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT6A PD IP67 Industrial Keystone Jack	Metal	Black	Straight	1/Bag	15C6AFV008A-BK61

AT&T OutdoorLine Category 6A LAN Copper Connectivity

Shielded RJ45 Industrial Modular Cords

Description

Shielded S/FTP RJ45/RJ45 IP67 industrial modular cords	
Frequency range	1-500 MHz
Conductor - shielded cords	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C
Shielded cords shield	Aluminum foil
Jacket	FR Heavy-duty UV resistant PVC compound
Standard jacket color	Black
Standard boot color	Black (Other colors available)
Protective covers	FR UV-resistant heavy-duty plastic material

Standard & EU Directives Conformance

- Category 6A modular cords according to ISO/IEC 11801
- Category 6A modular cords according to EN 50173
- Category 6A modular cords according to ANSI/TIA-568.2-D
- IEC 60332-1 (cable) and UL94 V-0 flame test (plug)
- EU Directive 2011/65/EU (RoHS-2)
- IEC 60529 IP67
- UL 1863 Communications-Circuit Accessories Safety

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Shielded cords plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C at 5-93% RH (Non condensing)
Voltage rating	72 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @100 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A Industrial Modular Cord	0.5	Black	Black	1/Bag	14P6AFA005A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A Industrial Modular Cord	1.0	Black	Black	1/Bag	14P6AFA010A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A Industrial Modular Cord	2.0	Black	Black	1/Bag	14P6AFA020A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A Industrial Modular Cord	3.0	Black	Black	1/Bag	14P6AFA030A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A Industrial Modular Cord	5.0	Black	Black	1/Bag	14P6AFA050A-BK61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A Industrial Modular Cord	10	Black	Black	1/Bag	14P6AFA100A-BK61

AT&T OutdoorLine LAN Copper Connectivity

Industrial Faceplates

Description

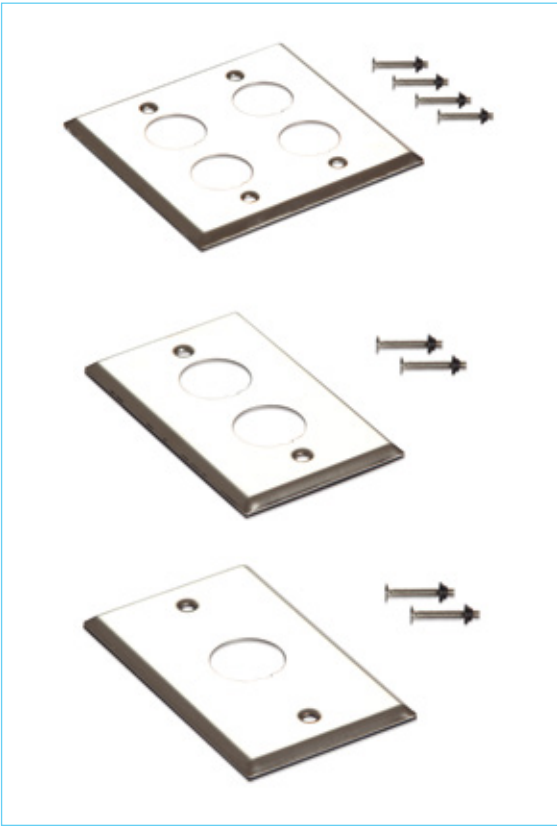
1-4 port stainless-steel IP67 industrial outdoor faceplates	
Jack compatibility	Shielded & Unshielded RJ45 Industrial Jacks
Category compatibility	CAT5e or CAT6
Mount type	Wall or duct
Color	Metal
KSJ insertion method	Back loading
Accessories	2 Screws

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- IEC 60529 IP67
- UL 1863 Communications-Circuit Accessories Safety

Mechanical & Electrical Properties

Material of construction	Stainless steel with rubber seal
Operating temperature	-25 to +70C at 5-95% RH (Non condensing)
Storage temperature	-25 to +80C



Ordering Information

Description	Color	Ports	Size mm	Labeling	Packaging	P/N
Industrial IP67 Stainless Steel faceplate	Metal	1	70x115x4.4	None	1/Bag	16D00FV001A-MT61
Industrial IP67 Stainless Steel faceplate	Metal	2	70x115x4.4	None	1/Bag	16D00FV002A-MT61
Industrial IP67 Stainless Steel faceplate	Metal	4	116.5x11x4.4	None	1/Bag	16D00FV004A-MT61

AT&T OutdoorLine LAN Copper Connectivity

Industrial Connection Boxes

Description

1-4 port stainless-steel IP67 industrial outdoor connection boxes	
Jack compatibility	Shielded & unshielded RJ45 industrial jacks
Category compatibility	CAT5e or CAT6
Mount type	Wall
Box color	White
Faceplate color	Metal
KSJ insertion method	Internal
Accessories	Cable glands, sealing inserts, screws
Gland cable OD limitation	11.0 mm max

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- IEC 60529 IP67
- UL 1863 Communications-Circuit Accessories Safety

Mechanical & Electrical Properties

Material of construction - box	High-impact FR UV-resistant plastic
Material of construction - cover	Stainless steel with rubber seal
Operating temperature	-25 to +70C at 5-95% RH (Non condensing)
Storage temperature	-25 to +80C



Ordering Information

Description	Box Color	Faceplate Color	Ports	Glands	Seals	Size mm	Labeling	Packaging	P/N
Industrial IP67 Outdoor Connection Box	White	Metal	1	1	0	128x128x60	None	1/Bag 1/Box	16D00FV001B-MT51
Industrial IP67 Outdoor Connection Box	White	Metal	2	2	1	128x128x60	None	1/Bag 1/Box	16D00FV002B-MT51
Industrial IP67 Outdoor Connection Box	White	Metal	3	3	2	128x128x60	None	1/Bag 1/Box	16D00FV003B-MT51
Industrial IP67 Outdoor Connection Box	White	Metal	4	4	3	128x128x60	None	1/Bag 1/Box	16D00FV004B-MT51

AT&T OutdoorLine

Outdoor Multi Loose-Tube Jelly-Filled Single-Jacket Optical Fiber Cables

Description

2-288 fibers outdoor all-dielectric multi loose-tube jelly-filled single-jacket non-armored FO cables	
Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	PBT jell-filled loose tubes
Central strength member	Rigid all-dielectric FRP
Water blocking	Petroleum jelly
Armor	None
Cable jacket material	UV-resistant PE
Fibers and loose-tubes color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	20xOD mm
Long term bend radius	10xOD mm
Operating temperature	-40 to +70C
Installation temperature	0 to +50C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5
Default fiber count per tube	Indicated (other options available)



Ordering Information

FF: Fiber Type

Description	Fibers per Tube	Tube Count	Fillers	Cable OD mm	Weight kg/km	Max. Load N		Packaging	P/N
						Short Term	Long Term		
2-Fiber FO Outdoor Loose-Tube All-Dielectric Jelly-Filled SJ Cable	2	1	5	11.0	100	2500	1500	2000m Drum	25SFFEN002N-BK2N
4-Fiber FO Outdoor Loose-Tube All-Dielectric Jelly-Filled SJ Cable	4	1	5	11.0	100	2500	1500	2000m Drum	25SFFEN004N-BK2N
6-Fiber FO Outdoor Loose-Tube All-Dielectric Jelly-Filled SJ Cable	6	1	5	11.0	100	2500	1500	2000m Drum	25SFFEN006N-BK2N
8-Fiber FO Outdoor Loose-Tube All-Dielectric Jelly-Filled SJ Cable	4	2	4	11.0	100	2500	1500	2000m Drum	25SFFEN008N-BK2N
12-Fiber FO Outdoor Loose-Tube All-Dielectric Jelly-Filled SJ Cable	4	3	3	11.0	100	2500	1500	2000m Drum	25SFFEN012N-BK2N
24-Fiber FO Outdoor Loose-Tube All-Dielectric Jelly-Filled SJ Cable	4	6	0	11.0	100	2500	1500	2000m Drum	25SFFEN024N-BK2N
36-Fiber FO Outdoor Loose-Tube All-Dielectric Jelly-Filled SJ Cable	6	6	0	11.0	100	2500	1500	2000m Drum	25SFFEN036N-BK2N
48-Fiber FO Outdoor Loose-Tube All-Dielectric Jelly-Filled SJ Cable	8	6	0	11.5	115	2500	1500	2000m Drum	25SFFEN048N-BK2N
72-Fiber FO Outdoor Loose-Tube All-Dielectric Jelly-Filled SJ Cable	12	6	0	11.5	115	2500	1500	2000m Drum	25SFFEN072N-BK2N
96-Fiber FO Outdoor Loose-Tube All-Dielectric Jelly-Filled SJ Cable	12	8	0	13.5	140	2500	1500	2000m Drum	25SFFEN096N-BK2N
144-Fiber FO Outdoor Loose-Tube All-Dielectric Jelly-Filled SJ Cable	12	12	0	17.0	195	2500	1500	2000m Drum	25SFFEN144N-BK2N
288-Fiber FO Outdoor Loose-Tube All-Dielectric Jelly-Filled SJ Cable	12	24	0	19.5	305	2500	1500	2000m Drum	25SFFEN288N-BK2N

AT&T OutdoorLine

Outdoor Single Loose-Tube Dielectric Armored Single-Jacket Optical Fiber Cables

Description

2-12 fibers outdoor single loose-tube dielectric armored single-jacket FO cables

Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	Single PBT jell-filled loose tube
Strength elements & armor	Served swellable glass yarn
Cable jacket material	UV-resistant PE
Fibers color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	30xOD mm
Long term bend radius	15xOD mm
Operating temperature	-30 to +70C
Installation temperature	-20 to +70C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5



Ordering Information

FF: Fiber Type

Description	Cable OD mm	Weight kg/km	Max. Load N		Packaging	P/N
			Short Term	Long Term		
2-Fiber FO Outdoor Dielectric Armored Single Loose-Tube SJ Cable	8.4	60	2000	1000	2000m Drum	24SFFAN002N-BK2N
4-Fiber FO Outdoor Dielectric Armored Single Loose-Tube SJ Cable	8.4	60	2000	1000	2000m Drum	24SFFAN004N-BK2N
6-Fiber FO Outdoor Dielectric Armored Single Loose-Tube SJ Cable	8.4	60	2000	1000	2000m Drum	24SFFAN006N-BK2N
8-Fiber FO Outdoor Dielectric Armored Single Loose-Tube SJ Cable	8.4	60	2000	1000	2000m Drum	24SFFAN008N-BK2N
10-Fiber FO Outdoor Dielectric Armored Single Loose-Tube SJ Cable	8.4	60	2000	1000	2000m Drum	24SFFAN010N-BK2N
12-Fiber FO Outdoor Dielectric Armored Single Loose-Tube SJ Cable	8.4	60	2000	1000	2000m Drum	24SFFAN012N-BK2N

AT&T OutdoorLine

Outdoor Multi Loose-Tube Dielectric Armored Jelly-Filled Single-Jacket Optical Fiber Cables

Description

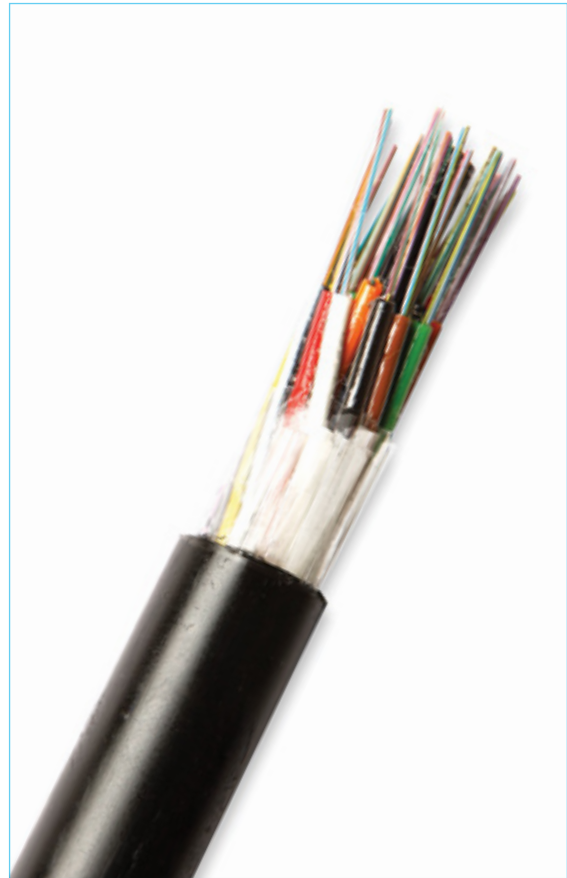
2-288 fibers outdoor all-dielectric multi loose-tube jelly-filled single-jacket armored FO cables	
Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	PBT jell-filled loose tubes
Central strength member	Rigid all-dielectric FRP
Water blocking	Petroleum jelly
Dielectric armor	Jelly-filled glass yarn
Cable jacket material	UV-resistant PE
Fibers and tubes color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	20xOD mm
Long term bend radius	10xOD mm
Operating temperature	-40 to +70C
Installation temperature	-20 to +70C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5
Default fiber count per tube	Indicated (other options available)



Ordering Information

FF: Fiber Type

Description	Fibers per Tube	Tube Count	Fillers	Cable OD mm	Weight kg/km	Max. Load N Short Term	Max. Load N Long Term	Packaging	P/N
2-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled SJ Cable	2	1	5	13.0	125	3000	1500	2000m Drum	25SFFAN002N-BK2N
4-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled SJ Cable	4	1	5	13.0	125	3000	1500	2000m Drum	25SFFAN004N-BK2N
6-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled SJ Cable	6	1	5	13.0	125	3000	1500	2000m Drum	25SFFAN006N-BK2N
8-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled SJ Cable	4	2	4	13.0	125	3000	1500	2000m Drum	25SFFAN008N-BK2N
12-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled SJ Cable	4	3	3	13.0	125	3000	1500	2000m Drum	25SFFAN012N-BK2N
24-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled SJ Cable	4	6	0	13.0	125	3000	1500	2000m Drum	25SFFAN024N-BK2N
36-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled SJ Cable	6	6	0	13.0	130	3000	1500	2000m Drum	25SFFAN036N-BK2N
48-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled SJ Cable	8	6	0	13.5	145	3000	1500	2000m Drum	25SFFAN048N-BK2N
72-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled SJ Cable	12	6	0	13.5	145	3000	1500	2000m Drum	25SFFAN072N-BK2N
96-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled SJ Cable	12	8	0	15.3	180	3000	1500	2000m Drum	25SFFAN096N-BK2N
144-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled SJ Cable	12	12	0	18.8	265	3000	1500	2000m Drum	25SFFAN144N-BK2N
288-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled SJ Cable	12	24	0	21.5	350	3000	1500	2000m Drum	25SFFAN288N-BK2N

AT&T OutdoorLine

Outdoor Single Loose-Tube Dielectric Armored Double-Jacket Optical Fiber Cables

Description

2-12 fibers outdoor single loose-tube dielectric armored double-jacket FO cables

Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	Single PBT jell-filled loose tube
Strength elements	Served swellable glass yarn
Inner jacket material	PE
Dielectric armor	Swellable glass yarn
Outer jacket material	UV-resistant PE
Fibers color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	30xOD mm
Long term bend radius	15xOD mm
Operating temperature	-30 to +70C
Installation temperature	-20 to +70C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5

Ordering Information

FF: Fiber Type



Description	Cable OD mm	Weight kg/km	Max. Load N		Packaging	P/N
			Short Term	Long Term		
2-Fiber FO Outdoor Dielectric Armored Single Loose-Tube DJ Cable	11.2	135	2000	1000	2000m Drum	24DFFAN002N-BK2N
4-Fiber FO Outdoor Dielectric Armored Single Loose-Tube DJ Cable	11.2	135	2000	1000	2000m Drum	24DFFAN004N-BK2N
6-Fiber FO Outdoor Dielectric Armored Single Loose-Tube DJ Cable	11.2	135	2000	1000	2000m Drum	24DFFAN006N-BK2N
8-Fiber FO Outdoor Dielectric Armored Single Loose-Tube DJ Cable	11.2	135	2000	1000	2000m Drum	24DFFAN008N-BK2N
10-Fiber FO Outdoor Dielectric Armored Single Loose-Tube DJ Cable	11.2	135	2000	1000	2000m Drum	24DFFAN010N-BK2N
12-Fiber FO Outdoor Dielectric Armored Single Loose-Tube DJ Cable	11.2	135	2000	1000	2000m Drum	24DFFAN012N-BK2N

AT&T OutdoorLine

Outdoor Multi Loose-Tube Dielectric Armored Jelly-Filled Double-Jacket Optical Fiber Cables

Description

2-288 fibers outdoor all-dielectric multi loose-tube jelly-filled double-jacket armored FO cables

Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	PBT jell-filled loose tubes
Central strength member	Rigid all-dielectric FRP
Water blocking	Petroleum jelly
Inner jacket material	PE
Dielectric armor	Jelly-filled glass yarn
Outer jacket material	UV-resistant PE
Fibers and tubes color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	20xOD mm
Long term bend radius	10xOD mm
Operating temperature	-40 to +70C
Installation temperature	-20 to +70C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5
Default fiber count per tube	Indicated (other options available)



Ordering Information

FF: Fiber Type

Description	Fibers per Tube	Tube Count	Fillers	Cable OD mm	Weight kg/km	Max. Load N Short Term	Max. Load N Long Term	Packaging	P/N
2-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled DJ Cable	2	1	5	15.0	160	3000	1500	2000m Drum	25DFFAN002N-BK2N
4-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled DJ Cable	4	1	5	15.0	160	3000	1500	2000m Drum	25DFFAN004N-BK2N
6-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled DJ Cable	6	1	5	15.0	160	3000	1500	2000m Drum	25DFFAN006N-BK2N
8-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled DJ Cable	4	2	4	15.0	165	3000	1500	2000m Drum	25DFFAN008N-BK2N
12-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled DJ Cable	4	3	3	15.0	165	3000	1500	2000m Drum	25DFFAN012N-BK2N
24-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled DJ Cable	4	6	0	15.0	165	3000	1500	2000m Drum	25DFFAN024N-BK2N
36-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled DJ Cable	6	6	0	15.0	165	3000	1500	2000m Drum	25DFFAN036N-BK2N
48-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled DJ Cable	8	6	0	15.5	180	3000	1500	2000m Drum	25DFFAN048N-BK2N
72-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled DJ Cable	12	6	0	15.5	180	3000	1500	2000m Drum	25DFFAN072N-BK2N
96-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled DJ Cable	12	8	0	17.5	215	3000	1500	2000m Drum	25DFFAN096N-BK2N
144-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled DJ Cable	12	12	0	21.0	275	3000	1500	2000m Drum	25DFFAN144N-BK2N
288-Fiber FO Outdoor Loose-Tube Dielectric Armored Jelly-Filled DJ Cable	12	24	0	23.5	400	3000	1500	2000m Drum	25DFFAN288N-BK2N

AT&T OutdoorLine

Outdoor Multi Loose-Tube Short-Span ADSS Optical Fiber Cables

Description

2-288 fibers outdoor all-dielectric self-supporting (ADSS)	
short-span multi loose-tube jelly-filled double-jacket FO cables	
Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	PBT jell-filled loose tubes
Central strength member	Rigid all-dielectric FRP
Water blocking	Petroleum jelly
Inner jacket material	PE
Peripheral strength elements	Jelly filled aramid yarn
Outer jacket material	UV-resistant PE
Fibers and tubes color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	23xOD mm
Long term bend radius	12xOD mm
Operating temperature	-40 to +70C
Installation temperature	-20 to +70C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5
Default fiber count per tube	Indicated (other options available)
Load conditions	NESC Medium
Span	122m max.
Installation sag	1%

Ordering Information

FF: Fiber Type



Description	Fibers per Tube	Tube Count	Fillers	Cable OD mm	Weight kg/km	Max. Load N Short Term	Max. Load N Long Term	Packaging	P/N
2-Fiber FO Outdoor Loose-Tube ADSS Short-Span Jelly-Filled Cable	2	1	5	14.0	155	9500	5300	2000m Drum	25AFFEN002S-BK2N
4-Fiber FO Outdoor Loose-Tube ADSS Short-Span Jelly-Filled Cable	4	1	5	14.0	155	9500	5300	2000m Drum	25AFFEN004S-BK2N
6-Fiber FO Outdoor Loose-Tube ADSS Short-Span Jelly-Filled Cable	6	1	5	14.0	155	9500	5300	2000m Drum	25AFFEN006S-BK2N
8-Fiber FO Outdoor Loose-Tube ADSS Short-Span Jelly-Filled Cable	4	2	4	14.0	155	9500	5300	2000m Drum	25AFFEN008S-BK2N
12-Fiber FO Outdoor Loose-Tube ADSS Short-Span Jelly-Filled Cable	4	3	3	14.0	155	9500	5300	2000m Drum	25AFFEN012S-BK2N
24-Fiber FO Outdoor Loose-Tube ADSS Short-Span Jelly-Filled Cable	4	6	0	14.0	160	9500	5300	2000m Drum	25AFFEN024S-BK2N
36-Fiber FO Outdoor Loose-Tube ADSS Short-Span Jelly-Filled Cable	6	6	0	14.0	165	9500	5300	2000m Drum	25AFFEN024S-BK2N
48-Fiber FO Outdoor Loose-Tube ADSS Short-Span Jelly-Filled Cable	8	6	0	14.5	175	10000	5900	2000m Drum	25AFFEN048S-BK2N
72-Fiber FO Outdoor Loose-Tube ADSS Short-Span Jelly-Filled Cable	12	6	0	14.5	175	10000	5900	2000m Drum	25AFFEN072S-BK2N
96-Fiber FO Outdoor Loose-Tube ADSS Short-Span Jelly-Filled Cable	12	8	0	16.5	230	13000	7000	2000m Drum	25AFFEN096S-BK2N
144-Fiber FO Outdoor Loose-Tube ADSS Short-Span Jelly-Filled Cable	12	12	0	20.0	355	16000	9400	2000m Drum	25AFFEN144S-BK2N
288-Fiber FO Outdoor Loose-Tube ADSS Short-Span Jelly-Filled Cable	12	24	0	22.5	510	16000	9400	2000m Drum	25AFFEN288S-BK2N

AT&T OutdoorLine

Outdoor Multi Loose-Tube Long-Span ADSS Optical Fiber Cables

Description

2-288 fibers outdoor all-dielectric self-supporting (ADSS) long-span multi loose-tube jelly-filled double-jacket FO cables

Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	PBT jell-filled loose tubes
Central strength member	Rigid all-dielectric FRP
Water blocking	Petroleum jelly
Inner jacket material	PE
Peripheral strength elements	Jelly-filled aramid yarn
Outer jacket material	UV-resistant PE
Fibers and tubes color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	23xOD mm
Long term bend radius	12xOD mm
Operating temperature	-40 to +70C
Installation temperature	-20 to +70C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5
Default fiber count per tube	Indicated (other options available)
Load conditions	NESC Medium
Span	250m max.
Installation sag	1%



Ordering Information

FF: Fiber Type

Description	Fibers per Tube	Tube Count	Fillers	Cable OD mm	Weight kg/km	Max. Load N Short Term	Max. Load N Long Term	Packaging	P/N
2-Fiber FO Outdoor Loose-Tube ADSS Long-Span Jelly-Filled Cable	2	1	5	14.5	160	16000	5300	2000m Drum	25AFFEN002L-BK2N
4-Fiber FO Outdoor Loose-Tube ADSS Long-Span Jelly-Filled Cable	4	1	5	14.5	160	16000	5300	2000m Drum	25AFFEN004L-BK2N
6-Fiber FO Outdoor Loose-Tube ADSS Long-Span Jelly-Filled Cable	6	1	5	14.5	160	16000	5300	2000m Drum	25AFFEN006L-BK2N
8-Fiber FO Outdoor Loose-Tube ADSS Long-Span Jelly-Filled Cable	4	2	4	14.5	160	16000	5300	2000m Drum	25AFFEN008L-BK2N
12-Fiber FO Outdoor Loose-Tube ADSS Long-Span Jelly-Filled Cable	4	3	3	14.5	160	16000	5300	2000m Drum	25AFFEN012L-BK2N
24-Fiber FO Outdoor Loose-Tube ADSS Long-Span Jelly-Filled Cable	4	6	0	14.5	165	16000	5300	2000m Drum	25AFFEN024L-BK2N
36-Fiber FO Outdoor Loose-Tube ADSS Long-Span Jelly-Filled Cable	6	6	0	14.5	175	16000	5300	2000m Drum	25AFFEN036L-BK2N
48-Fiber FO Outdoor Loose-Tube ADSS Long-Span Jelly-Filled Cable	8	6	0	15.0	200	18000	5900	2000m Drum	25AFFEN048L-BK2N
72-Fiber FO Outdoor Loose-Tube ADSS Long-Span Jelly-Filled Cable	12	6	0	15.0	200	18000	5900	2000m Drum	25AFFEN072L-BK2N
96-Fiber FO Outdoor Loose-Tube ADSS Long-Span Jelly-Filled Cable	12	8	0	17.0	260	21000	7200	2000m Drum	25AFFEN096L-BK2N
144-Fiber FO Outdoor Loose-Tube ADSS Long-Span Jelly-Filled Cable	12	12	0	20.5	380	29000	9400	2000m Drum	25AFFEN144L-BK2N
288-Fiber FO Outdoor Loose-Tube ADSS Long-Span Jelly-Filled Cable	12	24	0	23.0	540	29000	9400	2000m Drum	25AFFEN288L-BK2N

AT&T OutdoorLine

Outdoor Single Loose-Tube Steel Armored Single-Jacket Optical Fiber Cables

Description

2-12 fibers outdoor single loose-tube steel armored single-jacket FO cables

Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	Single PBT jell-filled loose tube
Strength elements	Served swellable glass yarn
Aarmor	Corrugated steel tape
Cable jacket material	UV-resistant PE
Fibers color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	30xOD mm
Long term bend radius	15xOD mm
Operating temperature	-30 to +70C
Installation temperature	-20 to +70C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5



Ordering Information

FF: Fiber Type

Description	Cable OD mm	Weight kg/km	Max. Load N		Packaging	P/N
			Short Term	Long Term		
2-Fiber FO Outdoor Steel Armored Single Loose-Tube SJ Cable	8.4	70	1200	600	2000m Drum	24SFFCN002N-BK2N
4-Fiber FO Outdoor Steel Armored Single Loose-Tube SJ Cable	8.4	70	1200	600	2000m Drum	24SFFCN004N-BK2N
6-Fiber FO Outdoor Steel Armored Single Loose-Tube SJ Cable	8.4	70	1200	600	2000m Drum	24SFFCN006N-BK2N
8-Fiber FO Outdoor Steel Armored Single Loose-Tube SJ Cable	8.4	70	1200	600	2000m Drum	24SFFCN008N-BK2N
10-Fiber FO Outdoor Steel Armored Single Loose-Tube SJ Cable	8.4	70	1200	600	2000m Drum	24SFFCN010N-BK2N
12-Fiber FO Outdoor Steel Armored Single Loose-Tube SJ Cable	8.4	70	1200	600	2000m Drum	24SFFCN012N-BK2N

AT&T OutdoorLine

Outdoor Multi Loose-Tube Steel Armored Jelly-Filled Single-Jacket Optical Fiber Cables

Description

2-288 fibers outdoor multi loose-tube jelly-filled single-jacket steel-armored FO cables

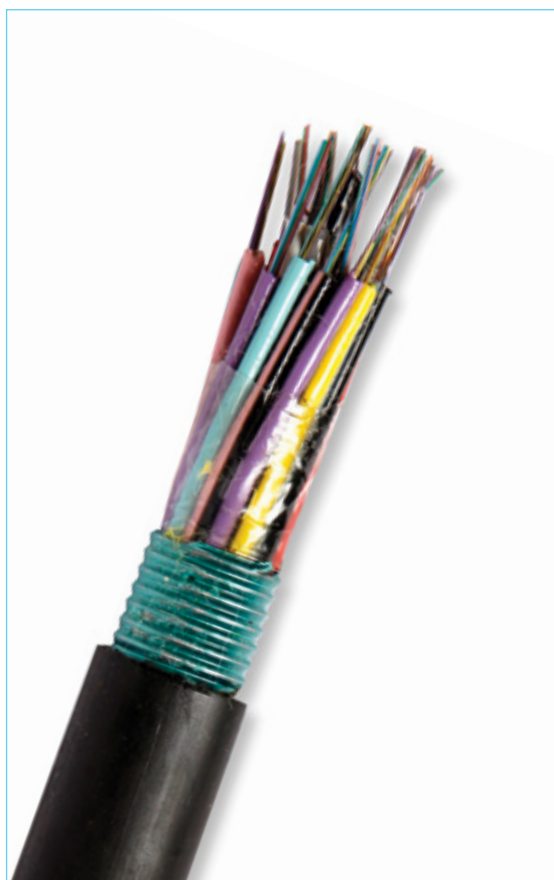
Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	PBT jell-filled loose tubes
Central strength member	Rigid all-dielectric FRP
Water blocking	Petroleum jelly
Aarmor	Corrugated steel tape
Cable jacket material	UV-resistant PE
Fibers and tubes color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	20xOD mm
Long term bend radius	10xOD mm
Operating temperature	-40 to +70C
Installation temperature	-20 to +70C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5
Default fiber count per tube	Indicated (other options available)



Ordering Information

FF: Fiber Type

Description	Fibers per Tube	Tube Count	Fillers	Cable OD mm	Weight kg/km	Max. Load N		Packaging	P/N
						Short Term	Long Term		
2-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled SJ Cable	2	1	5	11.5	135	2500	1500	2000m Drum	25SFFCN002N-BK2N
4-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled SJ Cable	4	1	5	11.5	135	2500	1500	2000m Drum	25SFFCN004N-BK2N
6-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled SJ Cable	6	1	5	11.5	135	2500	1500	2000m Drum	25SFFCN006N-BK2N
8-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled SJ Cable	4	2	4	11.5	135	2500	1500	2000m Drum	25SFFCN008N-BK2N
12-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled SJ Cable	4	3	3	11.5	135	2500	1500	2000m Drum	25SFFCN012N-BK2N
24-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled SJ Cable	4	6	0	11.5	135	2500	1500	2000m Drum	25SFFCN024N-BK2N
36-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled SJ Cable	6	6	0	12.5	165	2500	1500	2000m Drum	25SFFCN036N-BK2N
48-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled SJ Cable	8	6	0	13.0	165	2500	1500	2000m Drum	25SFFCN048N-BK2N
72-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled SJ Cable	12	6	0	15.0	180	2500	1500	2000m Drum	25SFFCN072N-BK2N
96-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled SJ Cable	12	8	0	15.0	225	2500	1500	2000m Drum	25SFFCN096N-BK2N
144-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled SJ Cable	12	12	0	18.5	325	2500	1500	2000m Drum	25SFFCN144N-BK2N
288-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled SJ Cable	12	24	0	21.0	425	2500	1500	2000m Drum	25SFFCN288N-BK2N

AT&T OutdoorLine

Outdoor Single Loose-Tube Steel Armored Double-Jacket Optical Fiber Cables

Description

2-12 fibers outdoor single loose-tube steel armored double-jacket dry-core FO cables

Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	Single PBT jell-filled loose tube
Strength elements	Served swellable glass yarn
Inner jacket material	PE
Aarmor	Corrugated steel tape
Outer jacket material	UV-resistant PE
Fibers color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	30xOD mm
Long term bend radius	15xOD mm
Operating temperature	-30 to +70C
Installation temperature	-20 to +70C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5



Ordering Information

FF: Fiber Type

Description	Cable OD mm	Weight kg/km	Max. Load N		Packaging	P/N
			Short Term	Long Term		
2-Fiber FO Outdoor Steel Armored Single Loose-Tube DJ Cable	11.2	115	1500	700	2000m Drum	24DFFCN002N-BK2N
4-Fiber FO Outdoor Steel Armored Single Loose-Tube DJ Cable	11.2	115	1500	700	2000m Drum	24DFFCN004N-BK2N
6-Fiber FO Outdoor Steel Armored Single Loose-Tube DJ Cable	11.2	115	1500	700	2000m Drum	24DFFCN006N-BK2N
8-Fiber FO Outdoor Steel Armored Single Loose-Tube DJ Cable	11.2	115	1500	700	2000m Drum	24DFFCN008N-BK2N
10-Fiber FO Outdoor Steel Armored Single Loose-Tube DJ Cable	11.2	115	1500	700	2000m Drum	24DFFCN010N-BK2N
12-Fiber FO Outdoor Steel Armored Single Loose-Tube DJ Cable	11.2	115	1500	700	2000m Drum	24DFFCN012N-BK2N

AT&T OutdoorLine

Outdoor Multi Loose-Tube Steel Armored Jelly-Filled Double-Jacket Optical Fiber Cables

Description

2-288 fibers outdoor multi loose-tube jelly-filled double-jacket steel-armored FO cables	
Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	PBT jell-filled loose tubes
Central strength member	Rigid all-dielectric FRP
Water blocking	Petroleum jelly
Inner jacket material	UV-resistant PE
A armor	Corrugated steel tape
Outer jacket material	UV-resistant PE
Fibers and tubes color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	20xOD mm
Long term bend radius	10xOD mm
Operating temperature	-40 to +70C
Installation temperature	-20 to +70C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5
Default fiber count per tube	Indicated (other options available)

Ordering Information

FF: Fiber Type



Description	Fibers per Tube	Tube Count	Fillers	Cable OD mm	Weight kg/km	Max. Load N		Packaging	P/N
						Short Term	Long Term		
2-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled DJ Cable	2	1	5	14.8	200	2700	1700	2000m Drum	25DFFCN002N-BK2N
4-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled DJ Cable	4	1	5	14.8	200	2700	1700	2000m Drum	25DFFCN004N-BK2N
6-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled DJ Cable	6	1	5	14.8	200	2700	1700	2000m Drum	25DFFCN006N-BK2N
8-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled DJ Cable	4	2	4	14.8	200	2700	1700	2000m Drum	25DFFCN008N-BK2N
12-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled DJ Cable	4	3	3	14.8	200	2700	1700	2000m Drum	25DFFCN012N-BK2N
24-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled DJ Cable	4	6	0	14.8	200	2700	1700	2000m Drum	25DFFCN024N-BK2N
36-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled DJ Cable	6	6	0	14.8	200	2700	1700	2000m Drum	25DFFCN036N-BK2N
48-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled DJ Cable	8	6	0	15.5	220	2700	1700	2000m Drum	25DFFCN048N-BK2N
72-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled DJ Cable	12	6	0	15.5	220	2700	1700	2000m Drum	25DFFCN072N-BK2N
96-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled DJ Cable	12	8	0	17.2	260	2700	1700	2000m Drum	25DFFCN096N-BK2N
144-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled DJ Cable	12	12	0	21.0	340	2700	1700	2000m Drum	25DFFCN144N-BK2N
288-Fiber FO Outdoor Loose-Tube Steel Armored Jelly-Filled DJ Cable	12	24	0	23.5	470	2700	1700	2000m Drum	25DFFCN288N-BK2N

AT&T OutdoorLine

Outdoor Aerial Multi Loose-Tube Steel Armored Jelly-Filled Single-Jacket Optical Fiber Cables with Messenger

Description

2-288 fibers outdoor multi loose-tube jelly-filled single-jacket steel-armored FO cables with steel messenger in FIG-8 formation	
Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	PBT jell-filled loose tubes
Central strength member	Rigid all-dielectric FRP
Water blocking	Petroleum jelly
Aarmor	Corrugated steel tape
Outer jacket material	UV-resistant PE
Messenger	Galvanized steel wire
Fibers and tubes color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	20xOD mm
Long term bend radius	10xOD mm
Operating temperature	-40 to +70C
Installation temperature	-20 to +70C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5
Messenger tensile strength	7500N min. - IEC-60794-1-2 E1
Default fiber count per tube	Indicated (other options available)
Load conditions	NESC Medium
Span	122m max.
Installation sag	1%



Ordering Information

FF: Fiber Type

Description	Fibers per Tube	Tube Count	Fillers	Cable OD mm (*)	Weight kg/km	Max. Load N Short Term	Max. Load N Long Term	Packaging	P/N
2-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled SJ FIG-8 Cable	2	1	5	11.5	285	2700	1700	2000m Drum	25MFFCN002A-BK2N
4-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled SJ FIG-8 Cable	4	1	5	11.5	285	2700	1700	2000m Drum	25MFFCN004A-BK2N
6-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled SJ FIG-8 Cable	6	1	5	11.5	285	2700	1700	2000m Drum	25MFFCN006A-BK2N
8-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled SJ FIG-8 Cable	4	2	4	11.5	285	2700	1700	2000m Drum	25MFFCN008A-BK2N
12-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled SJ FIG-8 Cable	4	3	3	11.5	285	2700	1700	2000m Drum	25MFFCN012A-BK2N
24-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled SJ FIG-8 Cable	4	6	0	11.5	285	2700	1700	2000m Drum	25MFFCN024A-BK2N
36-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled SJ FIG-8 Cable	6	6	0	12.5	315	2700	1700	2000m Drum	25MFFCN036A-BK2N
48-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled SJ FIG-8 Cable	8	6	0	12.5	315	2700	1700	2000m Drum	25MFFCN048A-BK2N
72-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled SJ FIG-8 Cable	12	6	0	13.0	335	2700	1700	2000m Drum	25MFFCN072A-BK2N
96-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled SJ FIG-8 Cable	12	8	0	15.0	445	2700	1700	2000m Drum	25MFFCN096A-BK2N
144-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled SJ FIG-8 Cable	12	12	0	18.5	555	2700	1700	2000m Drum	25MFFCN144A-BK2N
288-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled SJ FIG-8 Cable	12	24	0	21.0	665	2700	1700	2000m Drum	25MFFCN288A-BK2N

(*) Cable OD without the messenger

AT&T OutdoorLine

Outdoor Aerial Multi Loose-Tube Steel Armored Jelly-Filled Double-Jacket Optical Fiber Cables with Messenger

Description

2-288 fibers outdoor multi loose-tube jelly-filled double-jacket steel-armored FO cables with steel messenger in FIG-8 formation	
Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	PBT jell-filled loose tubes
Central strength member	Rigid all-dielectric FRP
Water blocking	Petroleum jelly
Inner jacket material	UV-resistant PE
A armor	Corrugated steel tape
Outer jacket material	UV-resistant PE
Messenger	Galvanized steel wire
Fibers and tubes color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	20xOD mm
Long term bend radius	10xOD mm
Operating temperature	-40 to +70C
Installation temperature	-20 to +70C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5
Messenger tensile strength	7500N min. - IEC-60794-1-2 E1
Default fiber count per tube	Indicated (other options available)
Load conditions	NESC Medium
Span	122m max.
Installation sag	1%



Ordering Information

FF: Fiber Type

Description	Fibers per Tube	Tube Count	Fillers	Cable OD mm (*)	Weight kg/km	Max. Load N Short Term	Max. Load N Long Term	Packaging	P/N
2-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled DJ FIG-8 Cable	2	1	5	14.8	430	3500	2500	2000m Drum	25MFFCN002A-BK2N
4-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled DJ FIG-8 Cable	4	1	5	14.8	430	3500	2500	2000m Drum	25MFFCN004A-BK2N
6-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled DJ FIG-8 Cable	6	1	5	14.8	430	3500	2500	2000m Drum	25MFFCN006A-BK2N
8-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled DJ FIG-8 Cable	4	2	4	14.8	430	3500	2500	2000m Drum	25MFFCN008A-BK2N
12-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled DJ FIG-8 Cable	4	3	3	14.8	430	3500	2500	2000m Drum	25MFFCN012A-BK2N
24-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled DJ FIG-8 Cable	4	6	0	14.8	430	3500	2500	2000m Drum	25MFFCN024A-BK2N
36-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled DJ FIG-8 Cable	6	6	0	14.8	430	3500	2500	2000m Drum	25MFFCN036A-BK2N
48-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled DJ FIG-8 Cable	8	6	0	15.5	450	3500	2500	2000m Drum	25MFFCN048A-BK2N
72-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled DJ FIG-8 Cable	12	6	0	15.5	450	3500	2500	2000m Drum	25MFFCN072A-BK2N
96-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled DJ FIG-8 Cable	12	8	0	17.2	580	3500	2500	2000m Drum	25MFFCN096A-BK2N
144-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled DJ FIG-8 Cable	12	12	0	21.0	700	3500	2500	2000m Drum	25MFFCN144A-BK2N
288-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled DJ FIG-8 Cable	12	24	0	23.5	820	3500	2500	2000m Drum	25MFFCN288A-BK2N

(*) Cable OD without the messenger

AT&T OutdoorLine

Outdoor Tight-Buffer Steel Armored Double-Jacket Optical Fiber Cables

Description

2-144 fibers indoor/outdoor tight-buffer steel armored double-jacket FO cables	
Fiber type	Select from FiberLine fiber types (Section B.6)
Buffer type	900 μ tight flame retardant LS0H coating
Strength elements	Served swellable aramid and glass yarn
Sub-units jacket material	Flame retardant LS0H compound
Multi-unit water blocking	Swellable tapes
Inner jacket material	Flame retardant LS0H compound
Armor	Corrugated steel tape
Water blocking	Petroleum jelly
Outer jacket material	UV-resistant PE
Fibers and sub-units color code	TIA-598-C
Jacket color	Black (other colors available)

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Short term bend radius	20xOD mm
Long term bend radius	10xOD mm
Operating temperature	-30 to +70C
Installation temperature	-20 to +70C
Water blocking test	3m cable, 1m water, 24h - IEC 60794-1-2 F5



Ordering Information - Single Unit Cables

FF: Fiber Type

Description	Fiber Count	Cable OD mm	Weight kg/km	Max. Load N		Packaging	P/N
				Short Term	Long Term		
2-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	2	8.5	90	1000	400	2000m Drum	23DFFCN002S-BK2N
4-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	4	10.0	110	1000	400	2000m Drum	23DFFCN004S-BK2N
6-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	6	10.0	110	1000	400	2000m Drum	23DFFCN006S-BK2N
8-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	8	10.5	125	1000	400	2000m Drum	23DFFCN008S-BK2N
12-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	12	11.5	140	1000	400	2000m Drum	23DFFCN012S-BK2N
16-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	16	12.0	155	1700	800	2000m Drum	23DFFCN016S-BK2N
18-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	18	12.5	165	1700	800	2000m Drum	23DFFCN018S-BK2N
24-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	24	13.5	185	1700	800	2000m Drum	23DFFCN024S-BK2N

Continued on page E.4.14a

AT&T OutdoorLine

Outdoor Tight-Buffer Steel Armored Double-Jacket Optical Fiber Cables (contd.)

Ordering Information - Multi-Unit Cables

FF: Fiber Type

Description	Fiber per Subunit	Subunit Count	Cable OD mm	Weight kg/km	Max. Load N		Packaging	P/N
18-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	6	3	17	290	1700	800	2000m Drum	23DFFCN018M-BK2N
24-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	6	4	18	315	1700	800	2000m Drum	23DFFCN024M-BK2N
36-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	6	6	21	420	1700	800	2000m Drum	23DFFCN036M-BK2N
48-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	12	4	21	420	1700	800	2000m Drum	23DFFCN048M-BK2N
60-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	12	5	22	450	1700	800	2000m Drum	23DFFCN060M-BK2N
72-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	12	6	24	540	1700	800	2000m Drum	23DFFCN072M-BK2N
96-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	12	8	27	665	1700	800	2000m Drum	23DFFCN096M-BK2N
144-Fiber FO Outdoor Steel Armored Tight-Buffer DJ Cable	12	12	33	940	1700	800	2000m Drum	23DFFCN144M-BK2N

AT&T OutdoorLine

Outdoor Fiber-Optic Splice Closures

Description

Outdoor dome-structure fiber-optic splice closures with heat-shrink seals

Installation options	Aerial, duct, pole, wall and direct-burial
Water immersion depth	1.5 m max.
Cable types compatibility	Round Loose-tube, tight-buffer or ribbon FO cables
Structure	Dome type
Dome material of construction	Heavy duty, UV-resistant high-impact material
Color	Black
Operating temperature	-40 to +65C at 5-95% RH (Non condensing)
Installation temperature	0 to +50C

Standard & EU Directives Conformance

- EU Directive 2011/65/EU (RoHS-2)
- IEC 60529 IP68

Components

Protective dome (cover)	1
Splicing trays	Included
Support tray	1
Unit base	1
Bracket	1
Sealing gasket	1
Pressure valve	1
Grounding kit	1 set
Essential accessories	Included



Ordering Information

Description	Size mm		Cable Ports		FO Cable Type	Total Fiber Capacity	Splicing Tray Type	Single Tray Capacity	Packaging	P/N
	Height	Diameter	Amount & Type	Max. Cable Diameter mm						
Outdoor Fiber-optic Dome Splice Closure Type G0A1	435	190	3 Round 1 Oval	16.0 25.0	Round	72	CA	12	1/Box	53S00KNG0A1-BK51
Outdoor Fiber-optic Dome Splice Closure Type G0A2	435	190	3 Round 1 Oval	16.0 25.0	Round	48-96	CB	24	1/Box	53S00KNG0A2-BK51
Outdoor Fiber-optic Dome Splice Closure Type G0D1	495	220	4 Round 1 Oval	20.0 35.0	Round	120	CA	12	1/Box	53S00KNG0D1-BK51
Outdoor Fiber-optic Dome Splice Closure Type G0D2	495	220	4 Round 1 Oval	20.0 35.0	Round	288	BG	48	1/Box	53S00KNG0D2-BK51
Outdoor Fiber-optic Dome Splice Closure Type G0D3	495	220	4 Round 1 Oval	20.0 35.0	Round	432	BI	72	1/Box	53S00KNG0D3-BK51

Continued on page E.5.1a

AT&T OutdoorLine

Outdoor Fiber-Optic Splice Closures (contd.)

Ordering Information

Description	Size mm		Cable Ports		FO Cable Type	Total Fiber Capacity	Splicing Tray Type	Single Tray Capacity	Packaging	P/N
	Height	Diameter	Amount & Type	Max. Cable Diameter mm						
Outdoor Fiber-optic Dome Splice Closure Type G0D4	495	220	4 Round 1 Oval	20.0 35.0	Ribbon	288	D0	72	1/Box	53S00KNG0D4-BK51
Outdoor Fiber-optic Dome Splice Closure Type G0D5	495	220	4 Round 1 Oval	20.0 35.0	Ribbon	1080	C0	216	1/Box	53S00KNG0D5-BK51
Outdoor Fiber-optic Dome Splice Closure Type GAA1	530	205	3 Round 1 Oval	21.0 30.0	Round	96	CH	12	1/Box	53S00KNGAA1-BK51
Outdoor Fiber-optic Dome Splice Closure Type GAA2	530	205	3 Round 1 Oval	21.0 30.0	Round	144	CI	24	1/Box	53S00KNGAA2-BK51
Outdoor Fiber-optic Dome Splice Closure Type GAA3	530	205	3 Round 1 Oval	21.0 30.0	Ribbon	432	D0	72	1/Box	53S00KNGAA3-BK51
Outdoor Fiber-optic Dome Splice Closure Type GAB1	510	250	2 Round 2 Oval	21.0 41.0	Round	192	CA	12	1/Box	53S00KNGAB1-BK51
Outdoor Fiber-optic Dome Splice Closure Type GAB2	510	250	2 Round 2 Oval	21.0 41.0	Round	382	BG	48	1/Box	53S00KNGAB2-BK51
Outdoor Fiber-optic Dome Splice Closure Type GAB3	510	250	2 Round 2 Oval	21.0 41.0	Round	720	BI	72	1/Box	53S00KNGAB3-BK51
Outdoor Fiber-optic Dome Splice Closure Type GAB4	510	250	2 Round 2 Oval	21.0 41.0	Ribbon	504	D0	72	1/Box	53S00KNGAB4-BK51
Outdoor Fiber-optic Dome Splice Closure Type GAB5	510	250	2 Round 2 Oval	21.0 41.0	Ribbon	1728	C0	216	1/Box	53S00KNGAB5-BK51



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