

AT&T FiberLine

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		Packaging	P/N
						Short Term	Long Term		
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	7000	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