

AT&T FiberLine

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
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

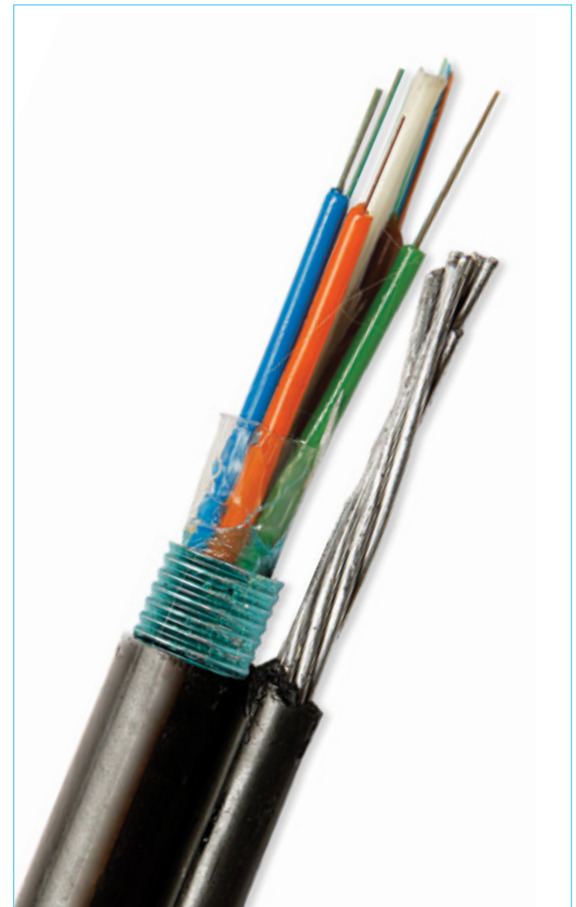
- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- EU Directive 2011/65/EU (RoHS-2)

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		Packaging	P/N
						Short Term	Long Term		
2-Fiber FO Aerial Loose-Tube Steel Armored Jelly-Filled SJ FIG-8 Cable	2	1	5	11.5	285	2700	1700	2000m Drum	25MCN002A-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	25MCN004A-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	25MCN006A-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	25MCN008A-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	25MCN012A-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	25MCN024A-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	25MCN036A-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	25MCN048A-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	25MCN072A-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	25MCN096A-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	25MCN144A-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	25MCN288A-BK2N

(*) Cable OD without the messenger