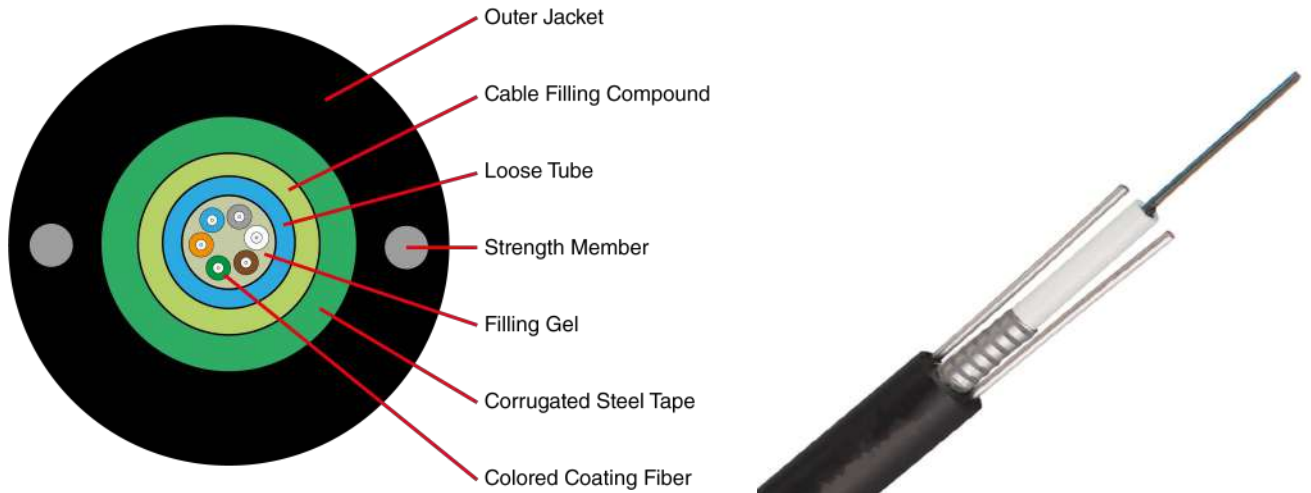


Outdoor Armored Fiber Cable - 6 cores OM3 - 300M

Profile view



Fiber Parameters

No.	Items		Unit	Specification
				10G - 300
1	Core Diameter		μm	50.0 ± 2.5
2	Cladding Diameter		μm	124.8 ± 1.0
3	Core Non-Circularity		%	≤ 5.0
4	Cladding Non-Circularity		%	≤ 1.0
5	Core-Cladding Concentricity Error		μm	≤ 1.0
6	Coating Diameter		μm	245 ± 7
7	Coating Non-Circularity		%	≤ 6.0
8	Cladding-Coating Concentricity Error		μm	≤ 12.0
9	OFL Bandwidth	850nm	MHz·km	≥ 1500
		1300nm	MHz·km	≥ 500
10	Effective Modal Bandwidth	850nm	MHz·km	≥ 2000

All indexes are in accordance with YD/T 769-2018 Standard

Cable parameters

Items		Specifications
Fiber Count		6
Colored Coating Fiber	Dimension	250 μ m \pm 15 μ m
	Color	Blue, Orange, Green, Brown, Gray, White
Loose Tube	Dimension	2.15mm \pm 0.05mm
	Material	PBT
	Color	Natural
Strength Member	Diameter	1.0mm
	Material	2 pcs Steel Wires
Outer Jacket	Material	PE
	Color	Black
	Dimension	8.0mm \pm 0.2mm
	Weight	67kg \pm 5kg/kmm

Mechanical and environmental characteristics

Items	Unite	Specifications
Tension (Long Term)	N	600
Tension (Short Term)	N	1500
Crush (Long Term)	N/10cm	300
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	$^{\circ}$ C	-20 \sim +60
Operating Temperature	$^{\circ}$ C	-40 \sim +70
Storage Temperature	$^{\circ}$ C	-40 \sim +70