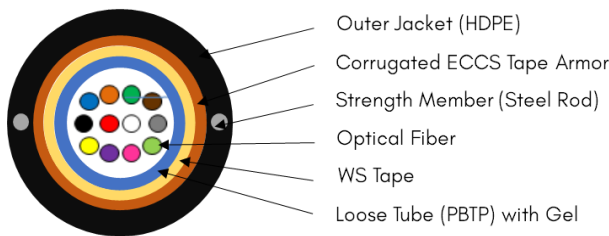


Single Mode OS2 Outdoor Fiber Cable

These Fiber Cables are made of a UV curable acrylate material coated above the cladded fiber core. This is embedded inside the PBTP Loose Tube. There is a Central Loose Tube carrying fiber based on the requirement. This construction includes Steel Rod Strength Membrane, Water Block Glass Yarn, ECCS Armor and Gel filled PBTP Tube. Outer Jacket Construction made of HDPE Jacket

Multiple water blocking material filling provides dual water blocking function. These Fiber cables are designed for use for External applications.



Standards

- ANSI/TIA-568.3-E
- ISO/IEC 11801
- ITU G.652-D
- TIA 492CAAC

Construction

Core/Clad Diameter (µm)	9/125
Coating Diameter (µm)	250±15
Number of Cores	4 / 6 / 8 / 12
Type	Gel Filled
Armor	ECCS
Jacket	HDPE
Outer Diameter (mm)	7.20 ± 0.30
Tube Diameter (mm)	1.80 ± 0.10
Colour of Jacket	Black
Peripheral Strength Member	Steel Rod
Number of Tube	1
Fiber Colours	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Tube Material	PBTP
Strength Member Count	2
Maximum Tensile Load (N)	2000
Maximum Crush Resistance (N/m)	1500

Transmission Data

Fiber Type	Single Mode (OS2) 9/125
Operating wavelength range (nm)	1310/1550
Attenuation (+20°C) @1310nm (dB/Km)	≤ 0.35
Attenuation (+20°C) @1550nm (dB/Km)	≤ 0.22



Environmental

Transport and Storage	-20° to 75°C
Installation	4° to 50°C
Operation	-20° to 75°C
Humidity	10% to 90% RH

Compliances

Mode Field Diameter	IEC 60793 1 45
Core/Clad Concentricity, Cladding Diameter, Cladding Non circularity	IEC 60793 1 20
Attenuation coefficient	IEC 60793 1 40
Chromatic dispersion	IEC 60793 1 42
Cable cut off wavelength	IEC 60793 1 44

How to Order

Description	Product Code
Single mode (OS2) Outdoor, Uni tube, Gel filled, ECCS Armored, HDPE Jacket Cable, Black	602019-6YYY

YYY Denotes Number of Cores

Cores	Product Code
04	602019-6004
06	602019-6006
08	602019-6008
12	602019-6012

Other Customised construction and various core density are available upon request.