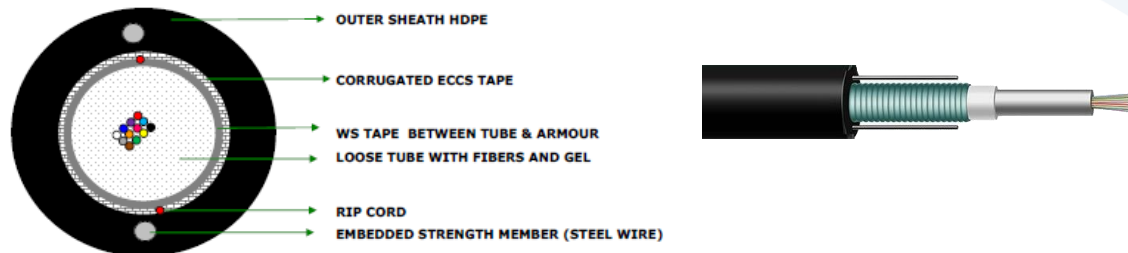


Single Mode Uniloose tube Outdoor Fiber Optic Cable (6F~12F)



Single Mode Uniloose tube, single sheath ECCS tape armored optical fiber cable is suitable for duct and aerial applications. We supply Uniloose tube cable of 6 fiber cores. Fiber cable is perfectly suited for both gigabit Ethernet and 10 gigabit Ethernet campus and backbone applications

Features

- Complies to ANSI/TIA-568.3-D, ITU-T G652.D, Telcordia GR-20, IEC 60794-2/ 60794-3-10
- HDPE UV Resistance jacket
- ECCS tape Armoring
- Water proof layer & excellent moisture resistance provided
- Excellent consistence performance
- Covered under 3C3® Performance Warranty

Mechanical Specifications

Fiber Count	:	6/12
No. of Tube	:	1
Tube diameter	:	3.0 ±0.1 mm
Fiber colors	:	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Purple, Pink, Aqua
Embedded Strength Member	:	2x0.6mm Steel wire embedded in sheath
Water Blocking Material	:	WS tape
Outer Sheath	:	HDPE UV Resistance
Sheath Color	:	Black
Nominal Cable diameter	:	10 ±0.5mm
Tensile Strength (Long Term)	:	1000N

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Tensile Strength (Short Term)	: 1500N
Bend Radius	: 20D
Kink Radius	: 10D
Crush Resistance (Long)	: 2000N /100mm
Crush Resistance (Short)	: 3000N/ 100mm
Impact Resistance	: 25Nm
Torsion Strength	: $\pm 180^{\circ}$
Nominal Cable weight	: 95kg/km $\pm 10\%$
Drum Length	: 2 Km $\pm 5\%$

Optical Specifications

Fiber Type	: 9/125 μ m
Fiber Coating Color	: Colored
Core Non-circularity	: $\leq 1\%$
Cladding Diameter	: 125.0 \pm 0.7 μ m
Core/cladding Concentricity Error	: $\leq 0.6\mu$ m
Cladding Non-circularity	: $\leq 1.0\%$
Coating Diameter	: 245 \pm 10 μ m
Coating/cladding Concentricity Error	: $\leq 12\mu$ m
Attenuation Co-efficient	: 1310nm \leq 0.36dB/km
	: 1550nm \leq 0.24dB/km
	: 1625nm \leq 0.26dB/km
Zero dispersion slope	: ≤ 0.092 ps/(nm ² ·km)
Zero dispersion wavelength	: 1300~1324nm
Polarization mode dispersion	: ≤ 0.20 ps/ \sqrt km
Mode field diameter	: 9.1 \pm 0.4 μ m at 1310nm
	: 10.3 \pm 0.5 μ m at 1550nm
Cut-off wavelength (λ_c)	: ≤ 1260 nm
Chromatic dispersion	: 1285~1330nm \leq 3.5ps/(nm·km)
	: 1270~1340nm \leq 5.3ps/(nm·km)
	: 1550nm \leq 18 ps/(nm·km)
	: 1625nm \leq 22 ps/(nm·km)

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Environmental Specifications

Installation Temperature	:	-10°C~+50°C
Storage Temperature	:	-40°C~+75°C
Operating Temperature	:	-40°C~+75°C

Ordering Information

Product Code	Description
53011-XXX	High Link Fiber Optic, Armored, Uniloose Tube Outdoor Cable, Gel filled, Peripheral Steel rod Strength Member, Single Sheath Black HDPE, OS2 XXX – Cores (006 – 6Core, 012 - 12Core)