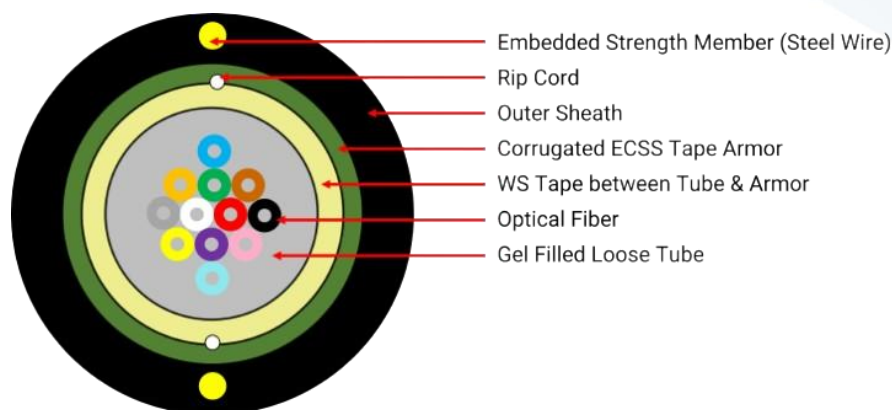


Multi - Mode Uniloose Tube Outdoor Fiber Optic Cable (6F ~ 12F)



Multi-Mode Uniloose tube, single sheath ECCS tape armoured 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, Telcordia GR-20, IEC 60794-2/60794-3-10, ISO/IEC 11801, ISO/IEC 24702
- LSZH jacket
- ECCS tape Armoring
- Waterproof layer & excellent moisture resistance provided
- Excellent consistent performance
- Covered under 3C3® Performance Warranty

Constructional Specifications

Fiber Count	: 6F/12F
No. of Tube	: 1
Tube diameter	: 3.0 ±0.2 mm
Fiber colors	: 6F: Blue, Orange, Green, Brown, Grey, White 12F: Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Purple, Pink, Aqua
Embedded Strength Member	: 2x1.0mm Steel wire embedded in sheath
Water Blocking Material	: WS tape
Outer Sheath	: LSZH
Sheath Color	: Black
Nominal Cable diameter	: 9 ±0.5mm
Nominal Cable weight	: 86kg/km ±10%
Drum Length	: 2 Km ± 5 %

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Mechanical Specifications

Specification	Value	Test Method
Tensile Strength (Long Term)	: 2000N	IEC-60794-1-E1
Tensile Strength (Short Term)	: 3000N	IEC-60794-1-E1
Bend Radius	: 20D	IEC-60794-1-E11
Kink Radius	: 10D	IEC-60794-1-E11
Crush Resistance (Long)	: 2000N /100mm	IEC-60794-1-E3
Crush Resistance (Short)	: 3000N/ 100mm	IEC-60794-1-E3
Impact Resistance	: 25Nm	IEC/EN 60794-1-E4
Torsion Strength	: $\pm 180^\circ$	IEC/EN 60794-1-E7

Optical Specifications

Specification	Value	Test Method
Fiber Type	: 50/125 μ m	
Fiber Coating Color	: Colored	
Core non-circularity	: $\leq 6\%$	IEC/EN 60793-1-20
Cladding Diameter	: 125.0 $\pm$ 0.7 μ m	IEC/EN 60793-1-20
Core/cladding Concentricity Error	: $\leq 1.5\mu$ m	IEC/EN 60793-1-20
Cladding non-circularity	: $\leq 1.0\%$	IEC/EN 60793-1-20
Coating Diameter	: 245 $\pm$ 7 μ m	IEC/EN 60793-1-21
Coating/cladding Concentricity Error	: $\leq 12\mu$ m	IEC/EN 60793-1-20
Attenuation Co-efficient	: 850nm $\leq$ 2.5dB/km	IEC/EN 60793-1-40
	: 1300nm $\leq$ 0.8dB/km	IEC/EN 60793-1-40
Effective Modal Bandwidth	: ≥ 4700 MHz.km (OM4) ≥ 2000 MHz.km (OM3)	
Attenuation inhomogeneity	: ≤ 0.1 dB (500)	
Numerical Aperture	: 0.275 $\pm$ 0.015	

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Environmental Specifications

Installation Temperature	:	-10°C~+70°C
Storage Temperature	:	-40°C~+70°C
Operating Temperature	:	-40°C~+70°C

Standard Compliances/Certifications

- RoHS Certified

Ordering Information

Product Code

53C12-0XXX

Description

High Link Fiber Optic, Uniloose Tube Outdoor Cable, Gel filled,
Peripheral Steel rod Strength Member, Single Sheath Black LSZH
C = (2 - OM2, 3 - OM3, 4 - OM4)
XXX = Cores (006 – 6F, 0012 – 12F)