



Product Description:

The Outdoor fiber optic cables are PBT Multi loose tube with colored fiber cores. The constructions are of water-blocking gel material with Non-Metallic Central Strength member & ECCS armoring. This cable has HDPE outer jacket makes it perfect for outdoor applications.

EW-O12FC



Product Application:

- Complies to ANSI/TIA-568.3-D, Telcordia GR-20, IEC 60794-2, ISO/IEC 11801, ISO/IEC 24702
- HDPE jacket
- ECCS Armoring
- Water proof layer & excellent moisture resistance provided
- Excellent consistence performance
- Covered under eWit Performance Warranty

Features	Specification
Fiber Count:	6
Fibers per Loose Tube:	6
Fiber colors:	Blue, Orange, Green, Brown, Grey, White
Loose Tube Color:	Blue, Orange, Green, Brown
Loose Tube Diameter:	1.7mm
Fillers:	4/3/1
Central Strength Member:	FRP
Diameter of CSM:	1.4mm
Water Blocking Material:	Yarns/Tape
Outer Sheath:	LSZH
Sheath Color:	Black
Nominal Cable Diameter:	9.0 ±0.5mm
Sheath Thickness:	1.5mm
Tensile Strength (Long Term):	1000N
Tensile Strength (Short Term):	2500N
Bend Radius:	20D

Kink Radius:	10D
Crush Resistance (Short):	3000N/100mm
Crush Resistance (Long):	1000N/100mm
Impact Resistance:	1NM
Torsion Strength:	±180 degree
Nominal Cable Weight:	65 ±5 kg/km
Fiber Type:	50/125µm
Fiber Coating Color:	Colored
Core Non-Circularity:	≤ 6%
Cladding Diameter:	125.0±0.7µm
Core/cladding Concentricity Error:	≤ 1.5µm
Cladding Non-Circularity:	≤ 1.0%
Coating Diameter:	242±7µm
Coating/cladding Concentricity Error:	≤ 12µm
Effective Modal Bandwidth:	≥ 4700MHz.km (OM4)
Installation Temperature:	-30°C~+70°C
Storage Temperature:	-45°C~+75°C
Operating Temperature:	-40°C~+70°C
Country of Origin:	India
Certification:	ISO/CE/FCC/ROHS