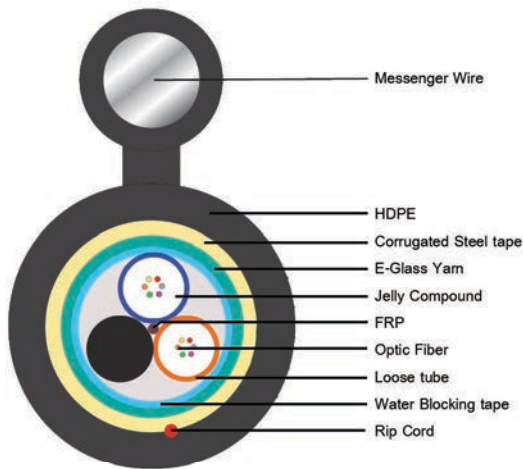


FC CE



Specification

Table 1 : Geometrical Performance

Item		Specification
Attenuation (dB/km) Single Mode (OS2)		≤ 0.35 @ 1310nm
		≤ 0.22 @ 1550nm
		≤ 0.23 @ 1625nm
Mode Field Diameter		9.2 ± 0.4 m @1310 nm 10.4 ± 0.5 μ m @ 1550 nm
Material	Core	Germanium doped silica glass
	Cladding	Silica glass
Cable Diameter		13.8 mm
Armor Material		Corrugated steel tape
Cladding Diameter		125 ± 1.0 μ m
Core Non-circularity (%)		≤ 5
Cladding Non-circularity		$\leq 1.0\%$
Core-Cladding Concentricity error		≤ 0.8 μ m
Primary Coating		2 layers of UV curable resin
Coating Diameter (μ m)		245 ± 10
Colored Fiber Diameter (μ m)		255 ± 10
Coating/Cladding Concentricity error		≤ 12 μ m
Zero Dispersion Wavelength (λ_0)		$1,300 \leq \lambda_0 \leq 1,324$ nm

Drop Wire

Multi Loose Tube

Model : W-FOWMxNx

Features

- Good mechanical and temperature performance
- High strength looetube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Crush resistance and flexibility
- Self - supporting aerial indoor/outdoor installation
- Outer jacket protection Ultra-violet (UV)
- Stablest & waterproof
- Transfer long length and low price

Standard

- ISO/IEC 9001 : 2008, ISO/IEC 11801
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia (Bellcore) GR-20-CORE, GR-409-CORE
- ANSI/ICEA 696, ANSI/ICEA 596
- ITU-T G.651 (Multi Mode)
- ITU-T G.652D (Single Mode)
- IEEE802.3 ATM FDDI
- IEC60332-3, IEC60332-1
- IEC61034-2, IEC60754-2
- IEC60793, IEC60794-1-2
- IEA-455 ICEA 640
- EN 50173-1 IEC 60793
- RoHS Compliant

Table 2 : The construction of the cable

Item		Specification
Fiber Count		6, 12, 24
Filling Compound		Thixotropic Jelly Compound
Loose tube	Material	(PBT) Polybutylene Terephthalate
	Diameter	Nom. 4.2 mm.
	Assembly	Fibers are brought together with the filling compound and placed in the extruded tube
Strength Member		Fiber-reinforced plastic (FRP)
Water Blocking Tape		Thickness 0.3 mm
Rip Cord		Aramid cords
Outer Sheath	Material	High density Polyethylene (HDPE)
	Thickness	1.5 mm
Messenger Wire	Material	Galvanized steel wire
	Diameter	1.6 mm
Temperature Range	Operation	-40 °C to +70 °C
	Installation	-40 °C to +70 °C
	Storage	-40 °C to +75 °C
Maximum Span Length		< 50 m
Minimum installation Sag		0.1 % of Maximum Span Length
Maximum Tensile Load Short/Long Term		1,350 N / 600 N
Maximum Bending Radius	Installation	20 x External Diameter of Cable
	Operation	10 x External Diameter of Cable
Weight		75 kg./km.

Table 3 : The color code of the loose tubes Identification (Standard : TIA/EIA-598-A)

No.	Fiber Color	No.	Fiber Color
1	Blue ●	7	Red ●
2	Orange ●	8	Black ●
3	Green ●	9	Yellow ●
4	Brown ●	10	Violet ●
5	Slate ●	11	Rose ●
6	White ○	12	Aqua ●

Table 4 : Part Number

No.	Description
W-FOWM6A1	F.O.Drop Wire / Multi loose tube / 6F / Armoured Singlemode 9/125 μm
W-FOWM12A1	F.O.Drop Wire / Multi loose tube / 12F / Armoured Singlemode 9/125 μm
W-FOWM24A1	F.O.Drop Wire / Multi loose tube / 24F / Armoured Singlemode 9/125 μm