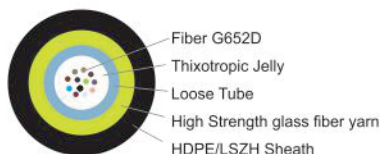


UNITUBE NON-METALLIC MICRO CABLE

Description:

The fibers, 250um, either of single mode or multimode type, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with thixotropic Jelly. A layer of aramid yarn or high strength glass is applied around the cable core as additional strength member. Then, the cable is completed with a black or color HDPE sheath.



Characteristic:

- Non-metal design can prevent the cable from radio interference and magnetic wave interference;
- Specially designed compact structure is good at preventing loose tubes from Shrinking;
- High strength glass fiber yarn
- Loose tube filling compound ensure good moisture resistance performance;
- Good flexibility;
- High dense fiber packed, small diameter and light weight, it's the better option for blowing installation process.

Optical Characteristics

Colors Details	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Natural (Natural as applicable and each have a natural fiber)			
Type		G.652	50/175μm	62.5/125μm
Attenuation(±20°C)	850nm		≤3.0dB/km	≤0.30dB/km
	1300nm		≤1.0dB/km	≤1.0dB/km
	1310nm	≤0.36dB/km		
	1550nm	≤0.22dB/km		
Bandwidth(Class A)	850nm		≥500MHz·km	≥200MHz·km
	1300nm		≥1000MHz·km	≥600MHz·km
Numerical Aperture			0.200±0.015NA	0.275±0.015NA
Cable Cut-off Wave Length		≤1260nm		

Technical Parameters

Model	Fiber Count	Cable Od (mm)	Cable Weight kg/km	Tensile Strength Long Short Term	Crush Resistance Long Short Term N/10cm	Bending Radius Static/Dynamic mm
UTMC42	2~12	4.25	15±3kg	60/150	800N/10cm	10D/20D

Environmental Characteristics

Storage Operating Temperature	-20°C ~ +70°C
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