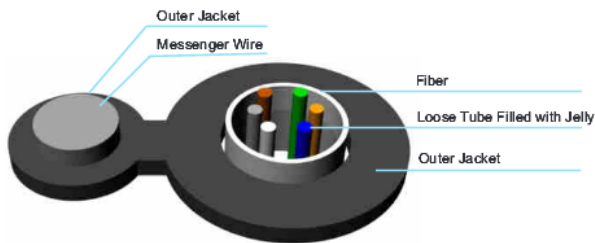


Aerial Fig8 Uni-Tube Non-Armored Cable



Temperature Range
 Operating : -40°C to +70°C
 Storage : -50°C to +70°C
 Installation : -30°C to +70°C
 Bending Radius:
 Static 10D
 Dynamic 20D



Cable Structure

Description

Uni-Tube Fig8 Self-Supported Cable with fibers placed in jelly filled loose buffer tube, All whole unit and galvanized steel messenger are covered with black polyethylene outer jacket.

Product Construction

Fiber:
2-12 fibers
Uni-loose tube gel-filled
Outer Jacket:
Black UV and moisture-resistant polyethylene (PE).
Messenger Wire:
Phosphatized steel wire.

Features

Uni-tube gel-filled construction for superior fiber protection.
 UV and moisture-resistant design.
 Compact, easy to install.

Applications

Interbuilding voice or data communication.
 Installed aerially.
 FTTx.

Optical Characteristics

Fiber Type		G.652	G.655	50/125 μ m	62.5/125 μ m
Attenuation (+20°C)	850 nm			≤ 3.0 dB/km	≤ 3.3 dB/km
	1300 nm			≤ 1.0 dB/km	≤ 1.0 dB/km
	1310 nm	≤ 0.36 dB/km	≤ 0.40 dB/km		
	1550 nm	≤ 0.22 dB/km	≤ 0.23 dB/km		
Bandwidth	850 nm			≥ 500 MHz-km	≥ 200 Mhz-km
	1300 nm			≥ 500 MHz-km	≥ 500 Mhz-km
Numerical Aperture				0.200 ± 0.015 NA	0.275 ± 0.015 NA
Cable Cut-off Wavelength λ_{cc}		≤ 1260 nm	≤ 1450 nm		

Structure and Technical Specifications

Fiber Count	Nominal Diameter (mm)	Nominal Weight (kg/km)	Allowable Tensile Load (N)		Allowable Crush Resistance (N/100mm)	
			Short Term	Long Term	Short Term	Long Term
2~12	5.4 \times 10.5	44	800	400	200	100
>12	Available upon customer's request					

Note : This datasheet can only be a reference, but not a supplement to the contract. Please contact our sales people for more detailed information.