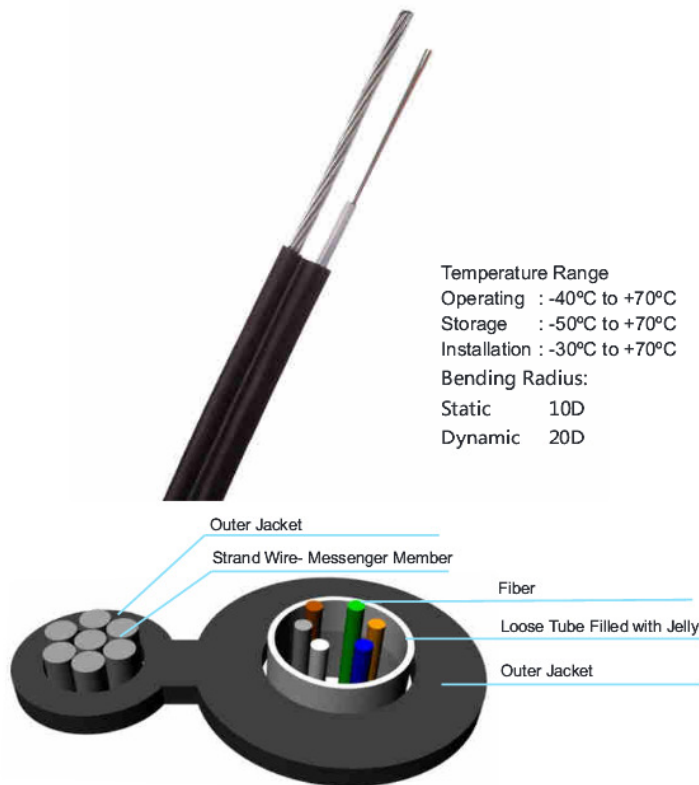


Aerial Fig8 Uni-Tube Non-Armored Cable



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

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.

Cable Structure

Optical Characteristics

| Fiber Type | | G.652 | G.655 | 50/125μm | 62.5/125μm |
|--|---------|-------------|-------------|----------------|----------------|
| 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 | 6.0×12.5 | 85 | 4000 | 2000 | 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.