Self-Supported Round Drop Cable

Description

The cable consists of individually color coded 900μm secondary coated fibers reinforced with aramid yarns and covered with UV and flame resistant LSZH jacket.

The cable cross section is fig 8 made with a steel wire strength member.

Product Construction

Fiber:
1-12 fibers
900μm tight buffer
Strength Member:
Aramid yarn
Messenger Member:
Steel wire or non-metallic member.
Outer Jacket:
UV and flame resistant LSZH

Fiber Type: G.652D, G.657A1 or G.657A2 single mode fiber

Features

Good UV and flame resistant.
Compact, soft, flexible, easy to install.
Fig8 self-supporting design.

Applications

Used in access network or as access cable from outdoor to indoor in customer premises network.

Used as access building cable in premises distribution system, especially used in indoor or outdoor aerial access cabling.

Temperature Range
Operating : -40°C to +70°C
Storage : -50°C to +70°C
Installation : -30°C to +70°C
Bending Radius:
Static 30D
Dynamic 60D

Cable Structure

Optical Characteristics

Fiber Type	Attenuation		Overfilled Launch Bandwidth	Effective Modal Bandwidth	10Gb/s Ethernet link length	Min Bending Radius
Conditions	1310/1550nm	850/1300nm	850/1300nm	850nm	850nm	
Unit	dB/km	dB/km	MHZ.km	MHZ.km	m	mm
G652D	0.36/0.22					16
G657A1	0.36/0.22					10
G657A2	0.36/0.22					7.5

Structure and Technical Specifications

Fiber Count	Nominal Diameter (mm)	Nominal Weight (kg/km)	Allowable Tensile Load (N)		Allowable Crush Resistance (N/100mm)	
			Long Term	Short Term	Long Term	Short Term
1~4	6.0×3.0	27	300	800	500	1000
>4	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.