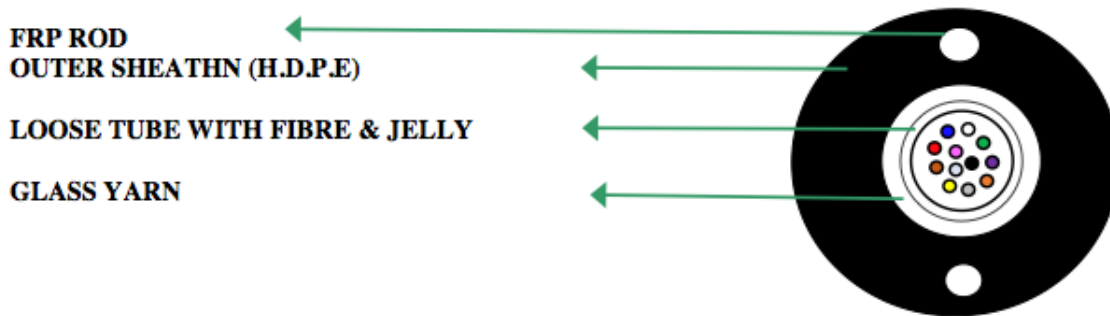


Unarmored CATV Cable G652D With Glass Yarn



Features:

- Good Quality Unarmored FRP CATV Fiber Cable with Glass Yarn.
- Use fresh HDPE material for jacketing the cable Instead of recycled HDPE, which gives more accurate and good finishing to the cable.
- Strength Member 2 FRP Rod 1.00 mm Support.
- G.652D Fiber
- 1000Mtrs Coils

Fiber Parameters

	Items	Unit	Specification
Fiber Type	@ 1310 nm	dB/km	ITU-T SM G652D Standards
Fiber Attenuation	@ 1550 nm		≤0.34
Point Discontinuity	@ 1285-1330 nm	dB	≤0.22
Attenuation vs. wavelength	@ 1525-1625 nm	dB/km	≤0.05
Cable cutoff wavelength	@ 1310 nm	nm	≤0.36
Mode field diameter	@ 1550 nm	um	≤0.23
Chromatic Dispersion	@ 1270-1340 nm band	ps/(nm ² .km)	≤1260
Zero dispersion wavelength	@ 1285-1330 nm band		≤9.2±0.4
Zero dispersion slope	@ 1550nm		≤10.4±0.5
Polarization mode dispersion at	@ Individual Fibre @ Link Design Value	ps/√km	< 5.3
Geometrical specification	@ Cladding diameter @ Core Clad concentricity Error		< 3.5
	@ Cladding Non-Circularity	um	<18.0
	@ Natural fibre coating diameter		1302-1324
	@ Coating –Cladding Concentricity Error		<0.092
Fibre Curl		m	>= 4m radius of curvature

Mechanical and Environmental Characteristics

Items	
Tensile strength operation / Installation	500/1000 Newton
Crush resistance	1000 Newton / 100mm
Minimum bending radius No load Under load	10D, D=Outer cable dia 20D, D=Outer cable dia
Max. Operating / Installation temperature	-20°C to + 70 °C



Physical & Dimensions Properties

No of Fibres	4F	6F	12F
Type of fibre	SM G652D		
Loose tube diameter	2.00 mm Nominal (Color Natural)		
Strength member	FRP (2Nos). 1.00 mm Nominal & Glass Yarn		
Colour of fibre	Blue, Orange, Green, Brown	Blue, Orange, Green, Brown, Slate, White	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink & Aqua
Outer sheath material	H.D.P.E.-Black		
Outer sheath thickness	1.80 mm Nominal		
Outer cable diameter	5.8 ± 0.50 mm		
Cable weight	31 ± 10 % kg/km		
Printing on cable	As per customer requirement (Inkjet Printing)		
Standard length	2±5% kms		

Ordering Information

Model	Description
Q-CATV-2F-UNARM-GY	QLO Networks Single Mode Unarmoured 2 Core CATV Cable G652D, With Glass Yarn
Q-CATV-4F-UNARM-GYP	QLO Networks Single Mode Unarmoured 4 Core CATV Cable G652D, With Glass Yarn
Q-CATV-6F-UNARM-GYP	QLO Networks Single Mode Unarmoured 6 Core CATV Cable G652D, With Glass Yarn
Q-CATV-12F-UNARM-GY	QLO Networks Single Mode Unarmoured 12 Core CATV Cable G652D, With Glass Yarn
Q-CATV-24F-UNARM-GY	QLO Networks Single Mode Unarmoured 24 Core CATV Cable G652D, With Glass Yarn