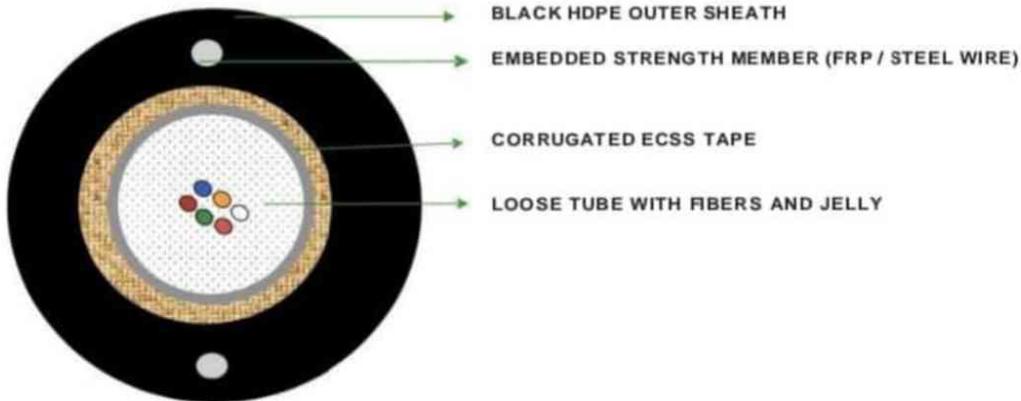


SM Unitube Armored PE Sheathed Drop Optical Fiber Cable

PRODUCT INFORMATION

Fiber		
Single Mode Optical Fiber	Nos.	G.652.D Single Mode Fiber
Maximum Cabled Fiber Attenuation dB/Km		1310nm : 0.4 & 1550nm : 0.3
Loose Tube		
Filling Jelly		Thixotropic Jelly to prevent water ingress in loose tube
Tube	1 No.	Thermoplastic Material (PBT)
Cable		
Embedded Strength Member	2 Nos.	FRP / Steel Wire to provide tensile strength and antibuckling properties
Armor		Corrugated Steel Tape
Outer Sheathing		UV Proof Black Polyethylene 2.0 mm Nominal Thickness

CONSTRUCTIONAL DETAILS



OPTICAL FIBRE CABLE PERFORMANCE

MECHANICAL			ENVIRONMENTAL	
Max. Tensile Strength-Short Term	500 N		Temp. Performance	
Minimum Bend Radius	Crush Resistance Short Term	2000 N / 10cm	Installation	-10° C to +50° C
-During Installation	Impact strength	25 Nm.	Service	-20° C to +70° C
-After Installation	Torsion	±180°	Storage	-10° C to +75° C

Tests shall be carried out as per IEC Standards. Change in attenuations shall be ≤ 0.05 dB/km.

PHYSICAL DETAILS

Fibre Count	Fibres Per Tube	No of Tube	Tube Color	Sheath Color	Fibre Color	Diameter of Cable	Weight of Cable	Cable Length in one Reel
Numbers	Numbers	Numbers				Nominal (mm)	Nominal (kg/km) + 100%	(Km)
4	4	1	Any Color	BK	BL, OR, GR, NT,	7.2	60	2/3/4 ± 10%
6	6	1	Any Color	BK	BL, OR, GR, BR, SL, NT,	7.2	60	2/3/4 ± 10%
8	8	1	Any Color	BK	BL, OR, GR, BR, SL, NT, RD, BK, YL,	7.2	60	2/3/4 ± 10%
12	12	1	Any Color	BK	BL, OR, GR, BR, SL, NT, RD, BK, YL, VL, BK, AQ,	7.2	60	2/3/4 ± 10%

Where : BL = Blue, OR = Orange, GR = Green, BR = Brown, SL = Grey (Slate), WH = White, RD = Red, BK = Black, YL = Yellow, VI = Violet, PI = Pink, AQ = Aqua, NT = Natural.

CABLE PRINTING

Cable Printing details (White - Hot Foil Emb.)	BEE-LINK G652.D XXF UT ARMoured OFC YEAR OF MANUFACTURE METER MARKING
--	---