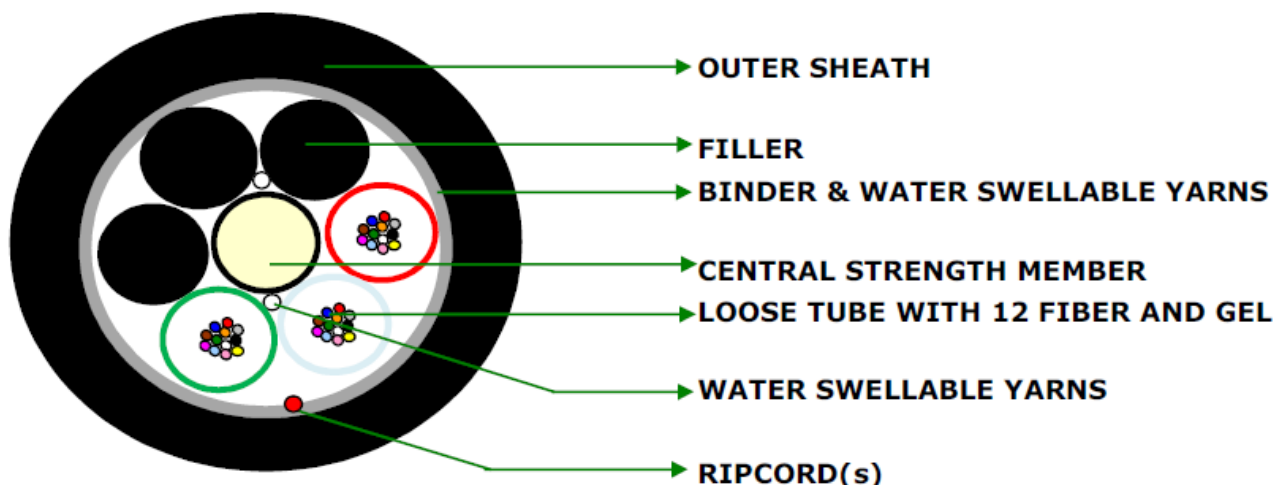


Fibre Optic Cabling

Connectix Underground Drop Cable 36F



Product Information	
Single Mode Optical Fibre	Sterlite Fibre ITU.T - G.652.D Sterlite Fibre ITU.T - G.657.A1 Sterlite Fibre ITU.T - G.652.A2
Maximum Cabled Fibre Attenuation dB/Km G.652.D	1310nm: 0.35, 1550nm: 0.21, 1625nm: 0.24
PmD Individual	<0.2 ps/√km
PmD LDV	<0.1 ps/√km
Filling Gel	Thixotropic Gel inside loose tube to prevent water penetration
Fibres Per Tube	12 Nos
Buffer Tube	3 Nos Thermoplastic Material (PBT) Loose tube OD : 1.8 mm (Typical)
Central Strength Member	2mm FRP to provide tensile strength and antibuckling properties
Filler	3 Nos Black Polyethylene
Water Blocking Material	Water Swellable Yarns are added to prevent water ingress in the core of cable
Core Wrapping	Binder Yarns and Water swellable tape
Peripheral Strength Member	Aramid yarns to meet tensile strength (if required)
Sheathing	UV Proof Black MDPE 1.0 mm Nominal Thickness

Mechanical	
Max Tensile Strength	2000 N @ < 0.60% fiber strain
Crush Resistance	2000N/100 x 100mm
Min. Bending Radius	12D
Repeated Bending	20D
Kink Test	10D
Impact strength	2 Nm
Torsion	± 180°
Water Penetration	1m head, 3m samples, 24 hrs
Tests shall be carried out as per IEC Standards/Customer Spec. Change in attenuations shall be < 0.05 dB/km.	

Environmental		
Temp. Performance	Installation	-10°C to +60°C
	Service	-40°C to +70°C
	Storage	-40°C to +85°C
Drip Test	30cm, 70°C, 24 hr	

Physical Parameters				
Cable Diameter (mm)	Cable Wt (Kg/Km)	Order Tolerance	Cable Length	Short Length
8.5 +/- 0.5	57 +/- 10%	+/- 5%	2Km	Max 5%, Customer Approval

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Colour Details

Optical Fibre Colour	Blue, Orange, Green, Red, Grey, Yellow, Brown, Violet, Black, Pink, Turquoise
Loose Tube Colour	Red, Natural, Green, Filler, Filler, Filler.
Filler Colour	Black Colour
Sheath Colour	Black

Printing Details

Cable Printing details (White - Hot Foil Emb.)	Horizontal T Mark Length Marking Batch Number LASER SYMBOL HANDSET SYMBOL STL WWYY COF 600 36F/17 OPTICAL FIBRE CABLE PROPERTY OF BT PLC LASER SYMBOL HANDSET SYMBOL
The accuracy of marking shall be + 0.5%. Occasional loss of printing & remarking shall be as per Bell core GR 20 and this supercedes the earlier markings.	
NOTE: TruModule #13-24 -Single black stripe Ring-mark for all tubes..	

Ordering Information

Product Description	Part Number
36F Underground Drop Cable G.652.D Singlemode Optical Fibre (3 x 12) Outdoor PE, OD 8.5mm	002-005-160-36
36F Underground Drop Cable G.657.A1 Singlemode Optical Fibre (3 x 12) Outdoor PE, OD 8.5mm	002-005-160-36
36F Underground Drop Cable G.657.A2 Singlemode Optical Fibre (3 x 12) Outdoor PE, OD 8.5mm	002-005-161-36