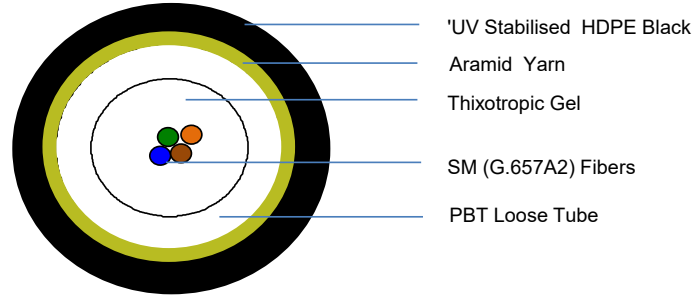


Technical Data Sheet

Document Number	BEOL/TDS/SC0999
Issue no. & Date	02 & 16.12.2015
Cable Description	2/4/6/12/24 FIBER SM JET DROP MICRO CABLE
Type of Fibre	Singlemode, G.657A2
Fibre Make	Birla Furukawa

Cable Cross Sectional Diagram [Drawing not to scale]



Cable Construction details

No.of Fibers	2/4/6/12/24 Fibers
Fibre Colour	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink & Aqua
Loose Tubes (1.3/1.9)	Natural
Peripheral Strength Member	Aramid Yarn
Outer Sheath	UV Stabilised HPE Sheath, Black Colour;

Cable Mechanical Characteristics

Temperature Range [IEC 60794-1-2-F1]	-10 °C to +70 °C
Repeated Bending [IEC 60794-1-2-E6]	35 Cycles, R= 20 x D, D = Diameter of Cable
Cable Bending Radius [IEC 60794-1-2-E11A]	
Long Term	15 x D, D= Cable Diameter
Short Term	10 x D, D= Cable Diameter
Tensile Force [IEC 60794-1-2-E1]	
Short Term	250 N
Long Term	100 N
Torsion Resistance [IEC 60794-1-2-E7]	10 Cycl (+/-180°) 1Kg Weight, L=2 Meters
Crush Resistance [IEC 60794-1-2-E3]	100 N [100 X 100 mm]
Water Penetration [IEC 60794-1-2-F5B]	1 Mtr Water Head, 3 Meter Cable Sample, 24 Hours

Optical Characteristics

Attenuation @ 1310nm	≤ 0.36 dB/Km
Attenuation @ 1550nm	≤ 0.23 dB/Km

Cable Physical Characteristics

Cable Outer Diameter	3.8 +/- 0.2 mm	Printing Details	As per Spec / PO
Nominal Cable Weight	11.00 Kg/Km	Printing Type	Ink Jet Printing