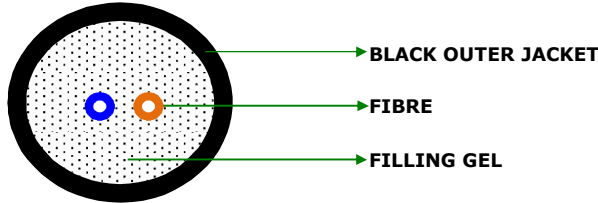


G657A1 Air Blown Optical Fiber Cable
PRODUCT INFORMATION

Fiber	
Single Mode Optical Fiber	Sterlite Fiber ITU.T - G.657 A1
Maximum Cabled Fiber Attenuation dB/Km	1330nm : 0.36 & 1550 : 0.23
PMD	≤ 0.2 ps/√km
Cable	
Filling Gel	Thixotropic Gel to prevent water ingress in loose tube
Outer Jacket	Black multi layer composite material

CONSTRUCTIONAL DETAILS


Typical construction Diagram - Not to Scale

OPTICAL FIBER CABLE PERFORMANCE

MECHANICAL		ENVIRONMENTAL	
Max. Tensile strength	70 N	Temp. Performance	
Minimum Bend Radius		Installation	-10°C to +50°C
Short Term	10 D	Service	-20°C to +70°C
Long Term	15 D	Storage	-20°C to +70°C
Water Penetration	1m head, 3m samples, 24 hrs	Drip Test	30 cm, 65°C, 24 hr
<i>Tests shall be carried out as per IEC Standards. Change in attenuations shall be ≤ 0.1 dB/km.</i>			

PRINTING DETAILS

Cable Printing details (Ink-Jet Printing)	STERLITE G657A1 Fiber Count F MINI BLOWN OPTICAL FIBER CABLE Year Of Manufacture Length Code Meter Marking
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PHYSICAL PARAMETERS

Fibre Count	No. of loose tube	Outer Jacket	Fibre Color	Cable Dimension	Cable Weight	Reel Length
No's	No's			mm	Kg/km	km
2	1	Black	Blue, Orange.	2.0 ± 0.1 mm	5 ± 10 %	2/4 +/- 5%
4	1	Black	Blue, Orange, Green, Brown	2.0 ± 0.1 mm	5 ± 10 %	2/4 +/- 5%
6	1	Black	Blue, Orange, Green, Brown, Slate, White.	2.0 ± 0.1 mm	5 ± 10 %	2/4 +/- 5%
12	1	Black	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua.	2.3 ± 0.1 mm	6 ± 10 %	2/4 +/- 5%

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.

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Approved By:

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