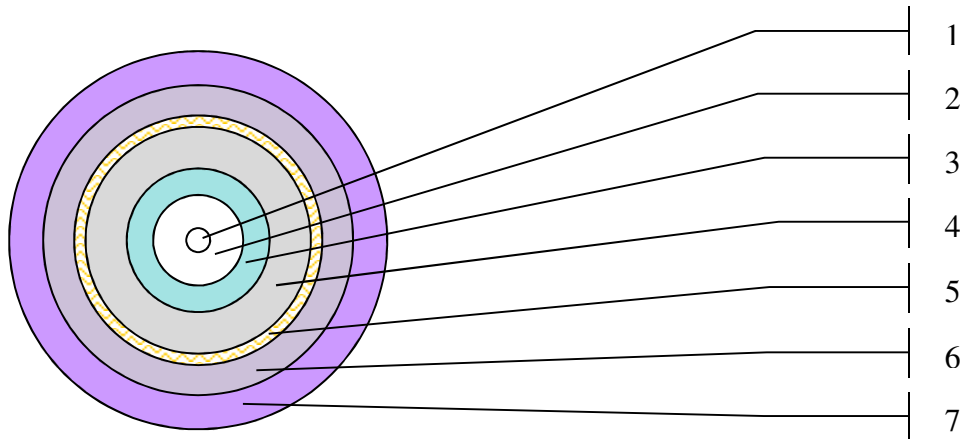


**1 – CABLE CONSTRUCTION :**



Item	Designation	Component details	Characteristics
1	Core (fibre)		Ø 9 µm
2	Cladding (fibre)		Ø 125 µm ± 0.4µm
3	Primary buffer	High Temp Acrylate	Ø 242 ± 5µm
4	Secondary buffer	High Temperature ZH	Ø 900 µm nom
5	Strength member	Aramids	
6	Inner jacket	Polyimide	Ø 1.4mm nom
7	Outer jacket	Fluoropolymer	Ø 1.8mm +/- 0.1mm

**2 – OPTICAL PERFORMANCES:**

Fibre characteristics

Attenuation at 1310 nm (20°C)

Attenuation at 1550 nm (20°C)

Mode Field Diameter at 1310 nm

Mode Field Diameter at 1550 nm

SMF Bend Insensitive fibre

≤ 0.5 dB/ km tbc

≤ 0.4 dB/ km tbc

8.8 ± 0.4 µm

9.8 ± 0.5 µm

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	<b>Approval :</b>	<b>Rev.</b>	<b>Date</b>	<b>Author</b>

**3 –CHARACTERISTICS:**

**Table 1: Key Features**

Property	Standard	Value
Operating temperature		- 65°C + 135°C
Storage temperature		- 20°C + 85°C
Mass		≤ 4 kg/ km
Flame propagation	EN3745-407/ FAR 25	Burn length < 76mm
Fluid Resistance	EN3745-411 Method B	Compliant
Tensile Strength	EN3745-505 Method B	> 200N at breakage
Minimum bend radius	EN3745-510 Method B	20 mm
Smoke Density	EN3745-601	Dm ≤ 200 (4 min)
Toxicity	EN3745-602	Compliant
Colour		Light Purple

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