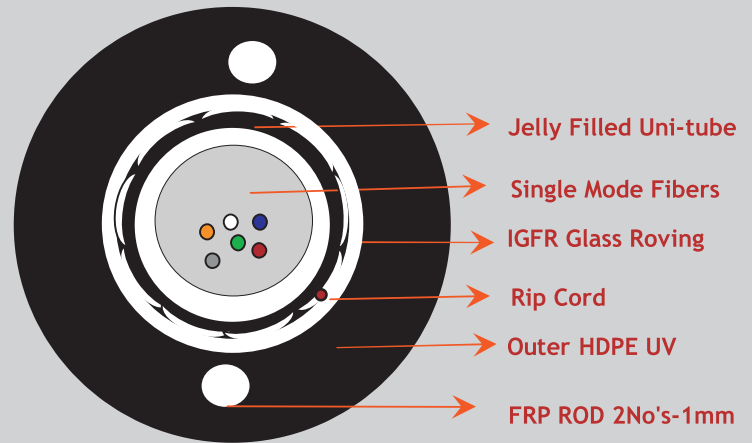


**APPLICATION**

- Suitable for Indoor / Outdoor
- ADSS properties, Local Area network System & CATV application
- Excellent crush resistant performance, light weight, Compact structure

**DESCRIPTION**

- Central Loose tube with jelly compound
- Non Metallic Armoured design with High Strength IGFR Glass Rovings & FRP's
- HDPE UV sheath



**Mechanical & Environment Characteristics:**

Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +70°C
Jacket Material	Black HDPE outer jacket, UV stable.
Strength Members	High Strength Glass Rovings & FRP's
Span Length	Up to 40 meters

Fiber Count	Outer Diameter (mm)	Nominal Thickness of Jacket (mm)	Nominal Cable Weight (kg/km)	Short Term Tensile Load	Long Term Tensile Load	Crush Load (N/100mm)	Impact (Joules)	Bend Radius (mm)
6F	6.0 ± 0.5	1.6 ± 0.2	31 ± 10%	1000N	500	1000	5J	20D

**Color Code:**

BL-BLUE	OR-ORANGE	GR-GREEN	BR-BROWN	SL-SLATE	NAT-NATURAL
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**Characteristics (cabled) Single-Mode – Matched- Cladded optical fibers according to ITU:**

Fiber-Type	Mode- Field/Cladding Diameter (µm)	Wavelength (nm) / Attenuation Max in dB/km	Dispersion (ps/(nm-km))	PMD (ps/km)	Cable Cut-off Wavelength (nm)
9/125 / G.652D	9.2 ± 0.4	1310 / 0.36	≤3.5	≤ 0.2	≤ 1260
1.4674/1.4679	125 ± 0.7	1550 / 0.22	≤ 18		

**Cable Size & Standard length:**

Cable Size	Standard Length
6F	2 & 4 kms ± 10%

**Ordering Information:**

NCB-FS100-AUHD-06-IGFR	OS2 6F Armored Aerial Cable
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