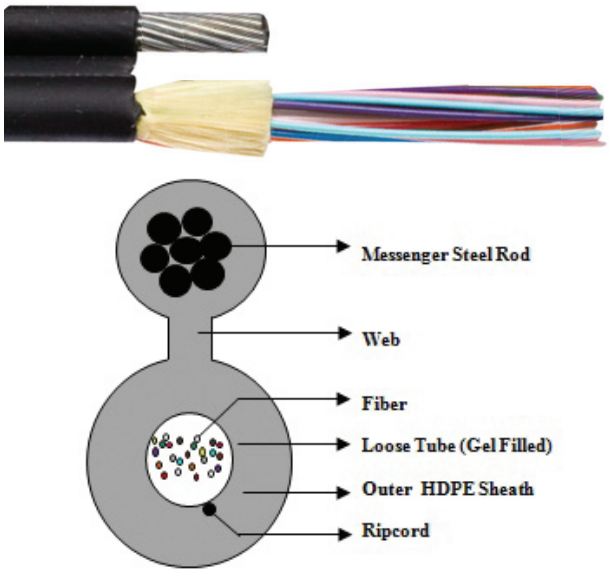
4-24F SINGLEMODE UNITUBE FIG 8



Optical Fibre Characteristics	
Fibre Type	G.652D (OS2)
Attenuation at 1310 nm	≤ 0.38 dB/km
Attenuation at 1550 nm	≤ 0.25 dB/km
Chromatic Dispersion 1285 - 1330 nm	≤ 3.5 ps/nm.km
Chromatic Dispersion 1550 nm	≤ 18 ps/nm.km
Zero Dispersion Wavelength	1300 - 1324 nm
Zero Dispersion Slope	≤ 0.092 ps/nm2.km
Polarisation Mode Dispersion	≤ 0.2 ps/√km
Cut-off Wavelength lcc	≤ 1260 nm
Mode Field Diameter at 1310 nm	9.2 ± 0.4 µm
Core Cladding Concentricity Error	≤ 0.8 µm
Cladding Diameter	125 ± 1 µm
Cladding Non-circularity	≤ 1 %
Coating Diameter (Uncolored)	245 ± 10 µm

Applications

- Outdoor aerial installations
- Campus type environments
- Local loop, metro, long-haul and broadbandnetwork

Features

- Durable design for reliable transmission performance over a broad temperature range
- Economical construction for aerial cabling application
- Small cable diameter

Ordering information	
4-SM-UT-FIG8	4 fibers Single Mode unitube FIG8 aerial cable
8-SM-UT-FIG8	8 fibers Single Mode unitube FIG8 aerial cable
12-SM-UT-FIG8	12 fibers Single Mode unitube FIG8 aerial cable
24-SM-UT-FIG8	24 fibers Single Mode unitube FIG8 aerial cable

Cable construction details		
Number of Fibers per tube	4/8/12	24
Number of Loose Tubes	1	1
Loose Tube ID/OD	1.2/1.8 ± 0.1 mm	2.6/3.5 ± 0.1 mm
Messenger Wire	0.9 mm x 7 Nos	0.9 mm x 7 Nos
Rip Cord	1	1
Cable Dimensions (W x H)	4.5 x 10.5 ± 1 mm	5.8 x 12.0 ± 1 mm
Cable Weight	60.0 ± 5 kg	75.0 ± 10 kg
Tensile Strength	4000 N	4000 N
Crush Resistance	2000 N	2000 N
Minimum Bend Radius	20 X D	20 X D
Span	50 m	50 m
Installation temperatute	- 30 °C + 70 °C	- 30 °C + 70 °C
Operation/Storage temperature	- 30 °C + 70 °C	- 30 °C + 70 °C