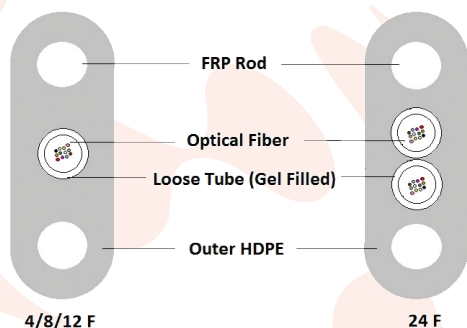


4-24F SINGLEMODE FLAT DROP



Applications

- For self-supporting aerial, direct buried, and duct FTTX drop installations

Features

- Compact, lightweight and durable self-supporting construction
- Easy-to-access design
- Ensured performance and reliability over a broad operating temperature range

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/nm ² .km
Polarisation Mode Dispersion	≤ 0.2 ps/√km
Cut-off Wavelength λ_{cc}	≤ 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

Ordering information	
4-SM-FLAT-A	4 fibers Single Mode FLAT unitube cable
8-SM-FLAT-A	8 fibers Single Mode FLAT unitube cable
12-SM-FLAT-A	12 fibers Single Mode FLAT unitube cable
24-SM-FLAT-A	24 fibers Single Mode FLAT unitube cable

Cable construction details		
Number of Fibers	4 / 8 / 12	24
Number of Loose Tubes	1	2
Loose Tube ID/OD	1.1/1.7 ± 0.1 mm	1.1/1.7 ± 0.1 mm
Peripheral Strength Member	2.0 ± 0.05 mm	1.8 ± 0.05 mm
Outer Sheath	0.75 mm (Nominal)	0.75 mm (Nominal)
Overall Cable Dimensions	(3.5 x 7.5) ± 0.3 mm	(3.4 x 8.8) ± 0.4 mm
Cable Weight	32 ± 5 kg/km	35 ± 5 kg/km
Tensile Strength	1000 N	1000 N
Crush Resistance	2000 N/10cm	2000 N/10cm
Minimum Bend Radius	20 x D	20 x D
Span	40-50 m	40-50 m
Installation temperature	- 30 °C + 70 °C	- 30 °C + 70 °C
Operation/Storage temperature	- 30 °C + 70 °C	- 30 °C + 70 °C