

CF– PRE-CONNECTORIZED FLAT DROP CABLES

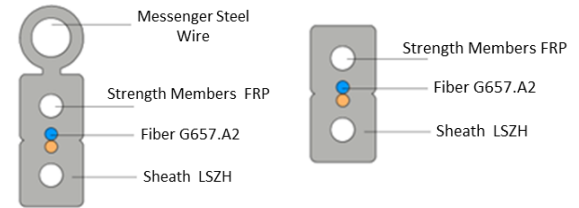
OVERVIEW

Connect's Pre-Connectorized Outdoor/Indoor Flat Drop Cables are specifically designed for FTTx application in the OSP environment for aerial and underground deployments as well as indoor applications. The pre-connectorized flat drop cable assemblies are factory terminated and tested for fast, reliable plug and play installation. The design consist of a flat outer jacket sheath with two parallel FRP (Fibre Reinforced Plastic) strength members supporting the fiber sheathed in a Low Smoke Zero Halogen (LSZH) black Jacket. It is available with a steel messenger wire for self-support on aerial installations and without the messenger when dielectric applications are required. They are factory-terminated with SC connectors on one end and available in standard lengths of 15, 30, 50, 75 and 100 Meters. Other lengths are available upon request.



FEATURES

- Easy Plug & Play connections
- Cable and connetors factory terminated and tested
- Suitable for outdoor to indoor applications - LSZH Sheath
- Easy to push through conduits
- Small diameter
- Easy to strip & splice – simplifying installation & maintenance costs
- Supports low bending radius



CABLE SPECIFICATIONS

Specification	Fiber
FIBER COLOUR CODING	ANSI/TIA/EIA-598 Telcordia Compliant
FIBER TYPE	Single Mode G.657A2
STRENGTH MEMBER	2ea Aramid Reinforced Plastic: 0.6 ±0.1 mm
STEEL MESSENGER (IF APPLICABLE)	Denuded (Bare): 1.0 ± 0.05mm With Black LSZH Jacket: 2.0 ± 0.1mm
SHEATH CHARACTERISTICS	Material: Low Smoke Zero Halogen (LSZH) Colour: Black
CABLE DIMENSIONS	Height: 2.0 ± 0.1 mm Width: 5.2 ± 0.3 mm
CABLE WEIGHT	18 ± 3 Kg/Km
TENSILE STRENGTH	Short Term: 600N Long Term: 300N
CRUSH RESISTANCE	Short Term: 1550N/10cm Long Term: 1000N/10cm
MINIMUM BENDING RADIUS	Operating: 20 mm Installation: 40 mm
TEMPERATURE PERFORMANCE	Operating /Storage: - 40 °C to + 70 °C Installation: - 20 °C to + 60 °C

FIBER PROPERTIES

Characteristic	Unit	Value
Attenuation @ 1310 nm	dB/km	≤ 0.38 Max & ≤ 0.35 Average
@ 1550 nm	ps/nm.km	≤ 0.25 Max & ≤ 0.22 Average
Chromatic Dispersion 1285-1330 nm	nm	≤ 3.5
1550 nm	ps/nm2.km	≤ 18.0
Zero Dispersion Wavelength	nm	1300 to 1324
Zero Dispersion Slope	ps/root km	≤ 0.092
Cable Cutoff Wavelength	µm	≤ 1260
Polarization Mode Dispersion	µm	≤ 0.2
Mode Field Diameter at 1310 nm	%	9.3 ± 0.5
Core-Clad Concentricity Error	µm	≤ 0.6
Cladding Non Circularity	µm	≤ 1.0
Cladding Diameter		125 ± 1.0
Coating Diameter		245 ± 10

ORDERING INFORMATION

Characteristic	SC/APC	SC/UPC
1F with Steel Messenger (lengths denoted at the end of the part number)	CF-PFDC-LSZH-SM-SCAS-XXXX-15M CF-PFDC-LSZH-SM-SCAS-XXXX-30M CF-PFDC-LSZH-SM-SCAS-XXXX-50M CF-PFDC-LSZH-SM-SCAS-XXXX-75M CF-PFDC-LSZH-SM-SCAS-XXXX-100M	CF-PFDC-LSZH-SM-SCUS-XXXX-15M CF-PFDC-LSZH-SM-SCUS-XXXX-30M CF-PFDC-LSZH-SM-SCUS-XXXX-50M CF-PFDC-LSZH-SM-SCUS-XXXX-75M CF-PFDC-LSZH-SM-SCUS-XXXX-100M
1F without Steel Messenger (lengths denoted at the end of the part number)	CF-PFDC-LSZH-SCAS-XXXX-15M CF-PFDC-LSZH-SCAS-XXXX-30M CF-PFDC-LSZH-SCAS-XXXX-50M CF-PFDC-LSZH-SCAS-XXXX-75M CF-PFDC-LSZH-SCAS-XXXX-100M	CF-PFDC-LSZH-SCUS-XXXX-15M CF-PFDC-LSZH-SCUS-XXXX-30M CF-PFDC-LSZH-SCUS-XXXX-50M CF-PFDC-LSZH-SCUS-XXXX-75M CF-PFDC-LSZH-SCUS-XXXX-100M