

NETLINK 8-Like Self-supporting Center Tube Optical Cable



FEATURES

- Stainless Steel or galvanized steel self-supporting.
- Exceller mechanical and environmental performance.

APPLICATION

- Aerial self-supporting installation
- Telecom backbone access networks
- FTTH outdoor distribution
- Long distance outdoor communication links

CABLE STRUCTURE

Fiber Count	6/8/12/24 Core
Loose Tube Material	PBT
Water Blocking	Jelly compound
Central Strength Member	FRP or steel wire
Armoring	Corrugated steel tape
Messenger Wire	1.0 mm steel wire
Ripcord	Yes (for easy sheath stripping)
Outer Jacket	HDPE
Cable Shape	Figure-8 self-supporting structure

SINGLE MODE

OPTICAL CHARACTERISTICS

Parameter	Wavelength (nm)	Value
Attenuation	1310	≤0.36 [dB/km]
	1550	≤0.22 [dB/km]
Mode Field Diameter	1310 nm	9.2 ± 0.4 μm
Zero Dispersion Wavelength		1300 -1324 [nm]
Dispersion	1550 nm	≤ 18 ps/(nm·km)

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Tensile Strength (installation)	≥ 1500 N
Crush Resistance	≥ 1000 N/100 mm
Minimum Bending Radius	Installation: 20 × cable diameter
	Operation: 10 × cable diameter
Temperature Range	Installation: -20° C to +60° C
	Operation: -40° C to +70° C
UV Resistance	Yes
Water Blocking	Longitudinal water blocking design

ORDER INFORMATION

Part Number	Description
XLF08SS-SM-A	NETLINK 8-Like Self-supporting Center Tube Optical Cable