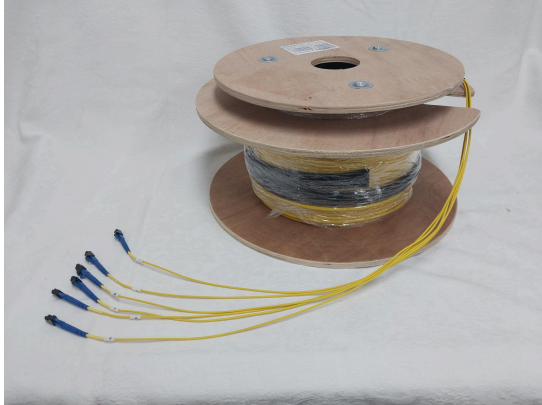


PRE-TERMINATED LC/LC DUPLEX, INDOOR/OUTDOOR, RISER, TIGHT BUFFERED, FIBRE CABLE

PART NUMBER: PTR-06C-OS2-YYY - PTR-12C-OS2-YYY - PTR-06C-OM4-YYY - PTR-12C-OM4-YYY



PRODUCT DESCRIPTION

SERVEREDGE Off The Shelf, Pre-terminated, tight buffered, distribution fibre riser cable is ideal for installations requiring a flexible, lightweight and reliable cable design where excellent mechanical and environmental protection remain necessary. The balance between compact size and rugged construction make distribution the preferred cable for many fibre networks. Pre-terminated, tight buffered, distribution fibre cables offers a cost-effective and rugged solution for short, medium and long distance Internal and external fibre runs and eliminate time consuming on-site fibre termination and splicing.

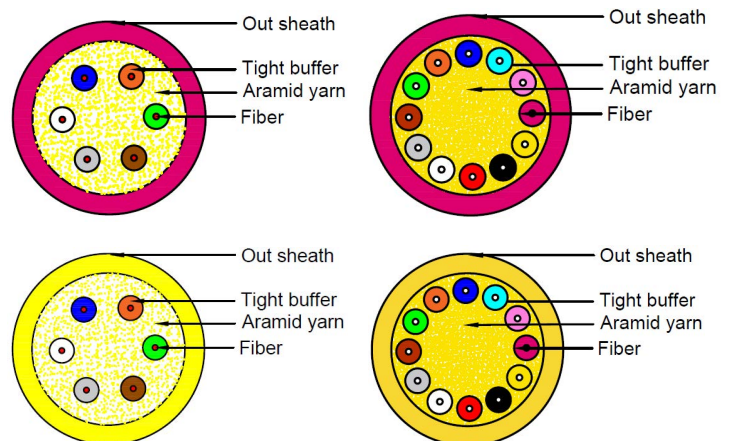
SERVEREDGE Off The Shelf Pre-terminated fibre cables come terminated with LC Duplex Connectors, 2mm Sleeving, Staggered Terminations and Pulling Mesh (on the leading end). Available in Multi Mode OM4 and Single Mode OS2.

PRODUCT FEATURES

- Low Smoke, Zero Halogen jacket
- High performance components and construction
- High strength to weight ratio allows for easy handling
- Aramid yarn strength member and all dielectric cable construction
- 900um buffer eliminates the need for costly and time consuming fanout kits or pigtail splices because connectors terminate directly to the fibre
- Cable materials are indoor/outdoor – UV, water and fungus resistant
- Pre Terminated LC Duplex Connectors
- Staggered Terminations and Pulling Mesh on the leading end.
- Wide operating temperature range of -20°C to +70°C
- Complies with relevant ITU and IEC standards and specifications

APPLICATION

- Suitable for indoor/outdoor confined spaces
- Building risers
- Cable trays
- Central offices
- Campus networkss



GUARANTEE/WARRANTY

Serveredge products are manufactured at the highest standards using highest quality materials at an affordable price. This Serveredge product comes with a 2 year warranty standalone or a 25 years warranty as part of a certified structured cabling project. Subject to Serveredge Terms and Conditions*

MECHANICAL CHARACTERISTICS

Temperature Range (IEC 60794-1-2-F1)	-20° to +70°C, 2 Cycle 8 hours
Cable Bending Radius (IEC 60794-1-2-E11A)	20 x D, D = Cable Diameter
Tensile Force (IEC 60794-1-2-E1)	During Installation: 450 N During Operation: 250 N
Torsion Resistance (IEC 60794-1-2-E7)	5 Cycle ($\pm 180^\circ$) 30 N Weight, Length Under Test-2 Mtrs
Crush Resistance (IEC 60794-1-2-E3)	1000 N (100 X 100 mm) for 5 minutes
Impact Resistance (IEC 60794-1-2-E4)	10J 1 Impact each at 3 points
Kink Resistance (IEC 60794-1-2-E10)	10 x D, D = Cable Diameter
Water Penetration (IEC 60794-1-2-F5B)	1 Mtr Water Head, 3 Meter Cable Sample, 24 Hours

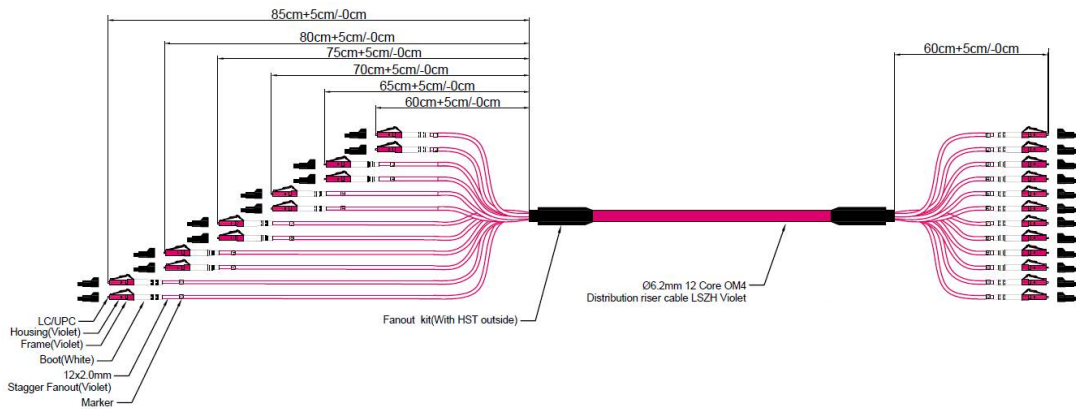
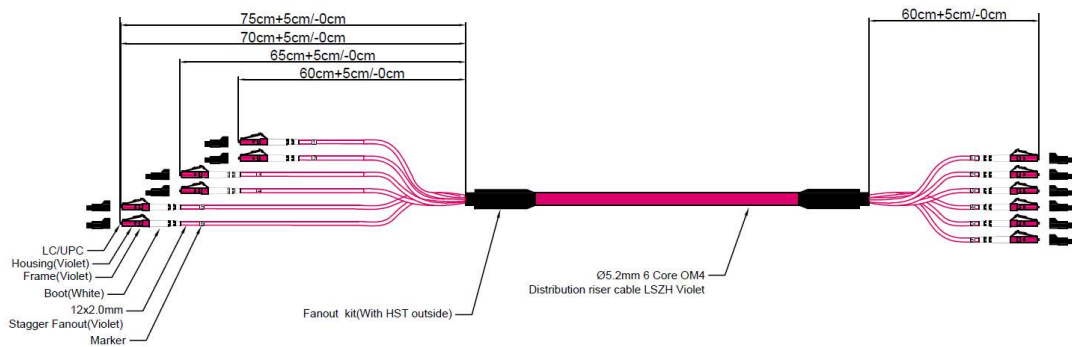
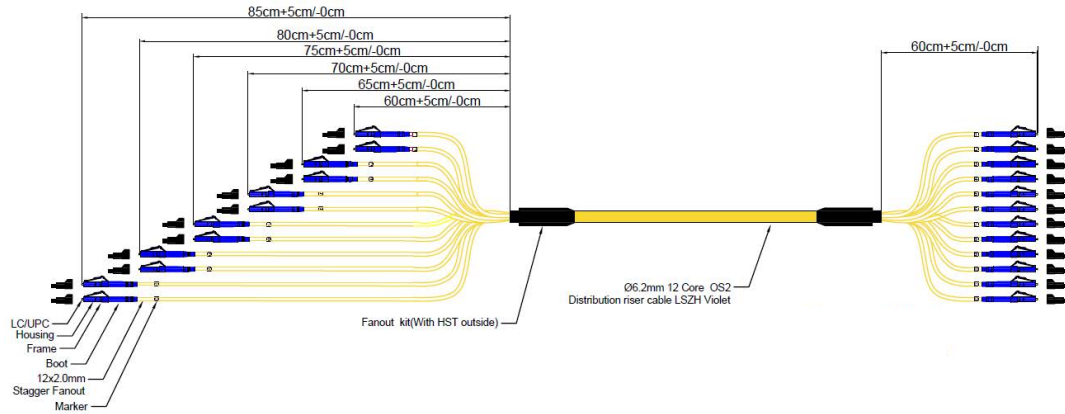
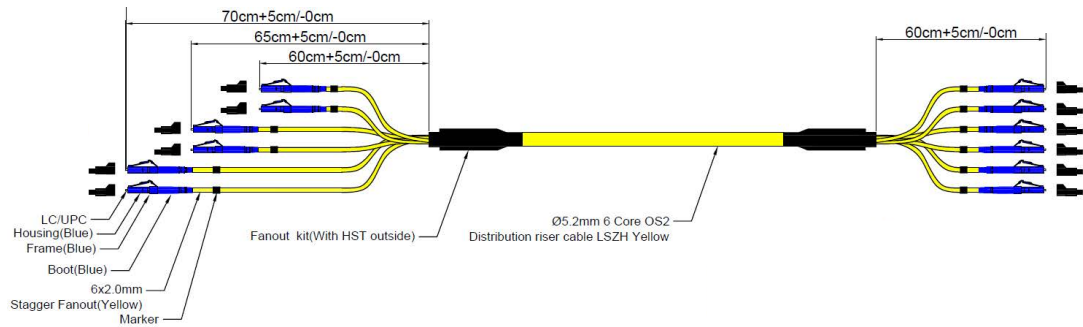
OPTICAL CHARACTERISTICS

Single Mode	OS2
Attenuation at 1310 nm	≤ 0.40 dB/Km
Attenuation at 1550 nm	≤ 0.30 dB/Km

Multi Mode	OM4
Attenuation at 850 nm	≤ 3.5 dB/Km
Attenuation at 1300 nm	≤ 1.5 dB/Km

CABLE CONSTRUCTIONAL DETAILS

No. of Fibres	6 Core	12 Core
Fibre Colour	Natural	Natural
Tight Coating	LSZH, 900 micron nominal	LSZH, 900 micron nominal
Tight Coating Colour	Blue, Orange, Green, Brown, Slate & White	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose & Aqua
Strength Member	Aramid Yarn	Aramid Yarn
Moisture Barrier	Water Blocking Element	Water Blocking Element
Outer Sheath	LSZH	LSZH
Outer Sheath Colour	OS2- Yellow OM3- Aqua OM4- Violet	OS2- Yellow OM3- Aqua OM4- Violet



ORDERING INFORMATION

PTR-XXC-OS2-YYY

PTR-XXC-OM4-YYY

NUMBER OF CORES

CABLE LENGTH

6

12