



Fibre Optic Cable Assemblies Duplex SC and ST Connectors, MultiMode

Features and Benefits

Molex Premise Networks fibre optic cable assemblies are composed using two part numbering schedules. The more common Multimode Duplex SC and ST assemblies are ordered using the FPC-ABCDE-FG schedule, all others at this point continue to use 91.XX.XXX.XXXXX.

- All patchleads are constructed from duplex zip cord cable.
- ST® Assemblies are constructed with metal nut, plastic body and zirconia ferrule connectors.
- Duplex SC Assemblies are constructed from plastic body, plastic housing and zirconia ferrule connectors.
- Jacket material is LSZH, complying with IEC 60332.1 and IEC 60332.3C
- All pigtails are constructed from secondary-coated bare fibre.
- Patchlead and pigtail jacket and coating colours:

62.5/125	OM1 Orange
50/125	OM2 Grey
50/125	OM3 Blue

Technical Information

Insertion Loss ≤ 0.35 dB

Fibre Bandwidths (@850nm and 1300nm) under over-filled launch conditions:-

50/125µm: 500/500 MHz.Km (OM2 Standard)

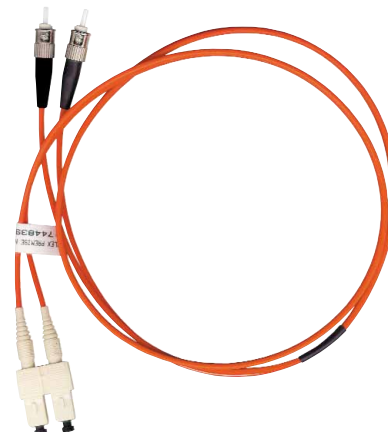
62.5 / 125µm: 200/500 MHz.Km (OM1 Standard)

50/125µm: 1500/500 MHz.Km (OM3 Standard)

Attenuation values: ≤ 3.5 dB/Km@850nm
 ≤ 1.5 dB/Km@1300nm

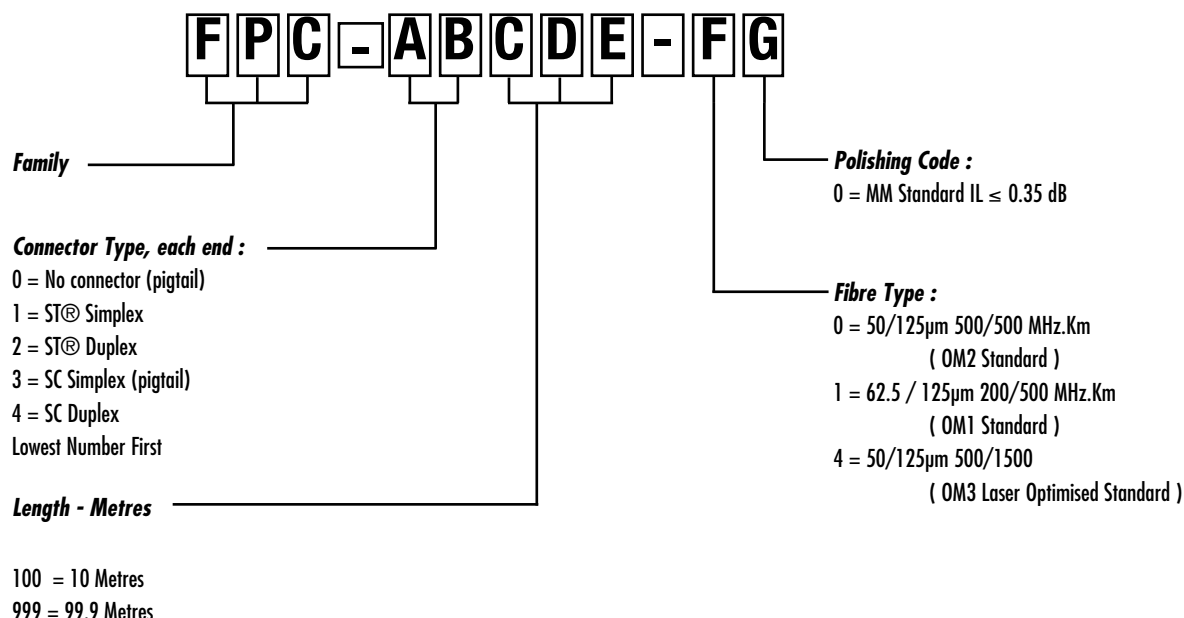
Connector endfaces inspected and certified to BS:7718 Annex A Section A7

Nominal Jacket Thickness: 0.55 mm



ORDERING INFORMATION

For ST and SC Duplex Multimode Assemblies use this table. For all other, use the table on page 2.



For example :

To order a 1 metre Duplex LSZH 62.5/125 ST® to Duplex SC Patch Cord, the part number would be. FPC-24010-10

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FEATURES AND SPECIFICATIONS

Features and Benefits

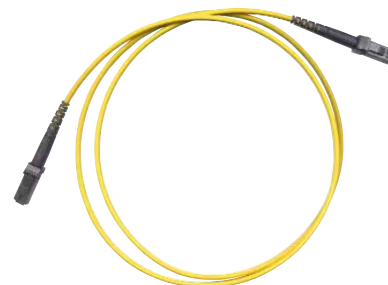
Molex Premise Networks offers a comprehensive range of Fibre Optic Cable assemblies for both Multimode and Singlemode applications. Low Smoke Zero Halogen Cable (LSZH) is used for all standard fibre cable assemblies.

Special part numbers can be created using the table below.

- Standard or custom assemblies
- Precision ferrule endface geometry
- Multimode and singlemode
- Controlled fibre protrusion
- Factory polished, tested and serialized.
- Insertion Loss <0.35dB per connector

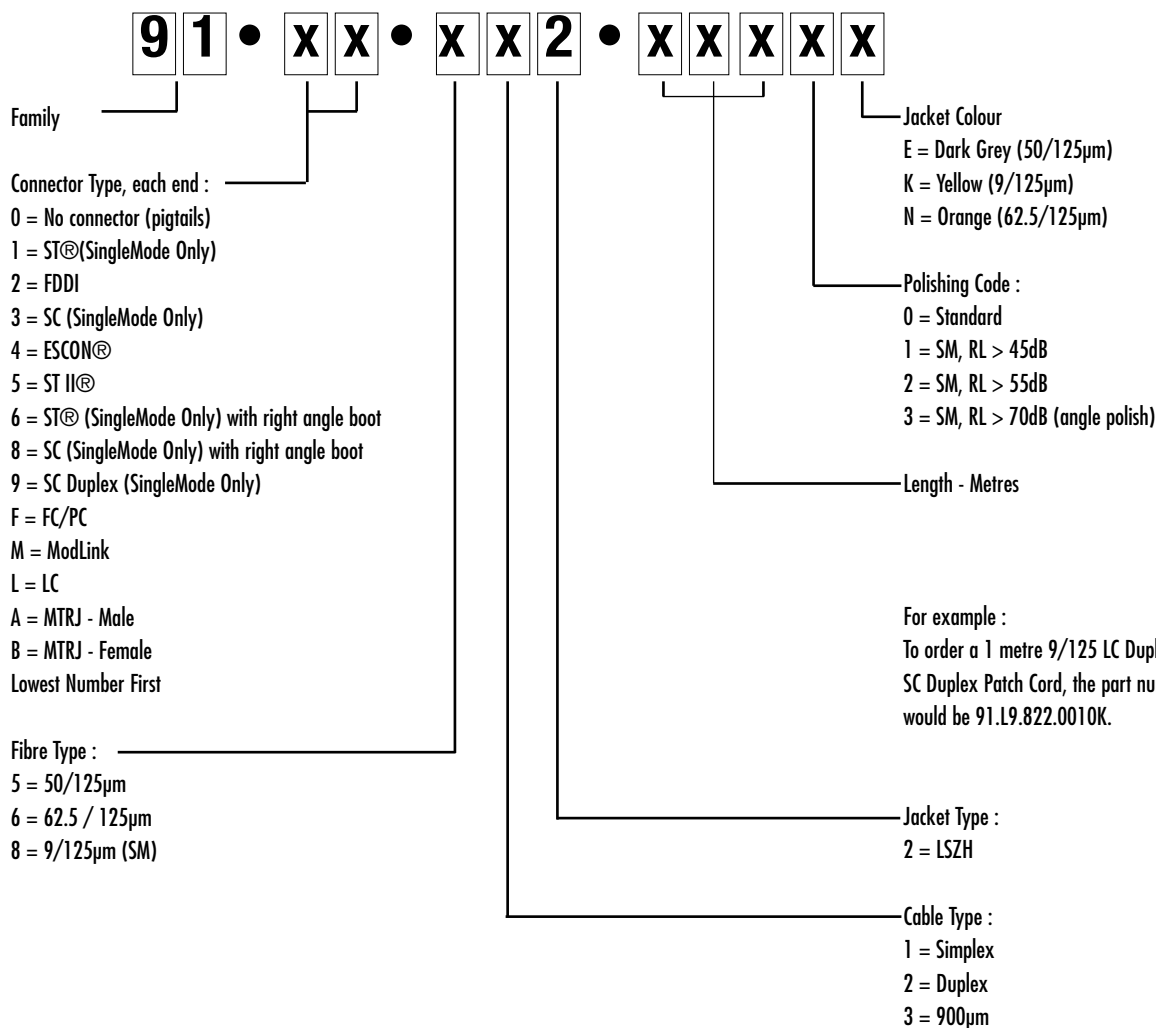


Fibre Optic Cable Assemblies



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