



Manufactured to comply with:
ISO/IEC 11801,
EN50173 -1,
ANSI TIA/EIA 568B

Based on Tight Buffered Core
900µm and 600µm
All major connector types
All major fibre types
Colour coded for identification

PRODUCT DESCRIPTION

For use in permanent connections between patch panels and incoming cables / single blown fibres. Pigtailed are pre-constructed with connectors. Connector options include small form factors such as LC as well as SC, FC and ST. Based on 900µm tight buffered cores (600µm SFF) and suitable for internal use only inside suitable Fibre Management Systems.

CABLE PROPERTIES

| | |
|----------------|----------------------|
| Crush (N): | Temp - Operation: |
| 800 | -10°C to +70°C |
| Impact (Nm): | Temp - Storage: |
| 0.2 | -25°C to +80°C |
| Min Bend (mm): | Temp - Installation: |
| 50 | 0°C to +70°C |

Single Mode and Multi Mode Optical Pigtailed

Optical Performance (IEC 60874-1 Method 7)

| | ST | SC | FC-PC | MT-RJ | LC MM/SM |
|--------------------------------|------|------|-------|-------|----------|
| Insertion Loss Max dB | 0.5 | 0.5 | 0.5 | 0.75 | 0.5/0.3 |
| Insertion Loss Typical dB | 0.2 | 0.2 | 0.2 | 0.4 | 0.2/0.1 |
| Multi Mode Return Loss Min dB | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| Single Mode Return Loss Min dB | 45.0 | 45.0 | 45.0 | - | 45.0 |

Product Colour Coding

| OM1 | OM2 | OM3 | OM4 |
|---------------------|---------------------|---------------------|--------------------|
| Blue | Green | Grey | Red |
| Blue/Orange (MT-RJ) | Green/Brown (MT-RJ) | Grey/Orange (MT-RJ) | Red/Yellow (MT-RJ) |

Product Part Numbering

| | OM1 | OM2 | OM3 | OM4 | OS1/OS2 |
|-----------------|--------------|--------------|--------------|--------------|--------------|
| FC - 1 metre | HOTFC062001 | HOTFC050001 | HOTFCOM3001 | HOTFCOM4001 | HOTFC008001 |
| SC - 1 metre | HOTSC062001 | HOTSC050001 | HOTSCOM3001 | HOTSCOM4001 | HOTSC008001 |
| ST - 1 metre | HOTST062001 | HOTST050001 | HOTSTOM3001 | HOTSTOM4001 | HOTST008001 |
| LC - 1 metre | HOTLSC062001 | HOTLSC050001 | HOTLSCOM3001 | HOTLSCOM4001 | HOTLSC008001 |
| MT-RJ - 1 metre | HOTMJ062501 | HOTMJ050501 | HOTMJOM3501 | HOTMJOM4501 | - |

Fibre Selection Codes

O62 050 OM3 OM4 BM3 BM4 008 108 208

Use these part number identifiers to select the fibre type you require by replacing the fibre code in the part number e.g. HFOM3PDC24LU becomes HFBM3PDC24LU.