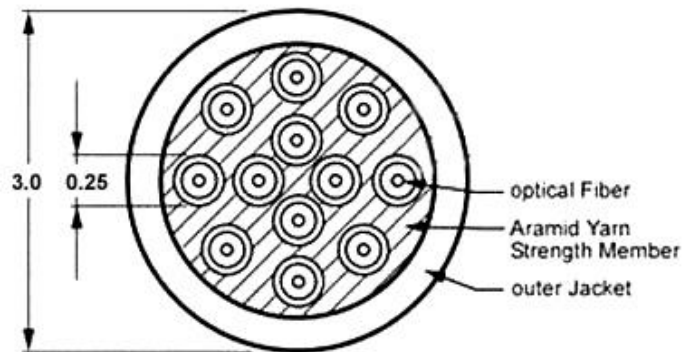




opticalCON | MTP[®] patch & breakout Cable Datasheet



| | | |
|-------------------------------|--|---------------------------------------|
| Number of fibers | 12 | 12 |
| Fiber type | single-mode | multi-mode |
| Fiber standard | G.657.A2 | OM3 |
| Core diameter | 8.2 μm | 50 μm |
| Cladding diameter | 125 μm | 125 μm |
| Secondary buffer diameter | 245 μm | 245 μm |
| Proof test level | 100kpsi | 100kpsi |
| Wavelength | 1260nm | 850nm/1300nm |
| Attenuation | 0.40 dB/km (1310 nm) 0.40 dB/km (1383 nm) 0.25 dB/km (1550 nm) 0.25 dB/km (1625 nm) | 2.7dB/km (850nm) 1.0dB/km (1300nm) |
| Nominal Zero dispersion slope | 0.092 ps/nm ² ·km | - |
| Cable surface | yellow shine | aqua shine |
| Cable weight | 8.3 kg/km | 8.3 kg/km |
| Cable diameter | 3.0 mm | 3.0 mm |
| Installation: | | |
| Max. tensile load | 500N | 500N |
| Min. bend radius | >45mm | >45mm |
| Operation: | | |
| Max. tensile load | 200N | 200N |
| Min. bend radius | >30mm | >30mm |
| Impact resistance | 50 impacts | 50 impacts |
| Crush resistance | Short 500N/cm Long 100N/cm | Short 500N/cm Long 100N/cm |
| Number of conductors | - | - |
| Nominal core OD | - | - |
| Conductor resistance | - | - |
| Operation temperature | -20°C to +70°C | -20°C to +70°C |
| Storage temperature | -10°C to +50°C | -10°C to +50°C |
| Installation temperature | -20°C to +70°C | -20°C to +70°C |
| Bend optimized | Yes | Yes |
| Laser optimized | No | Yes |