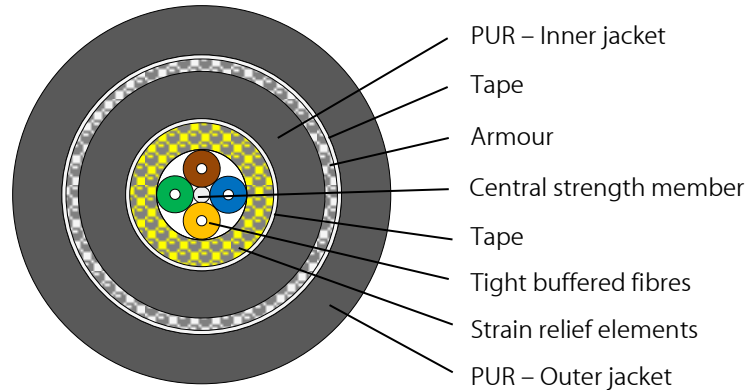


4 FIBER MIL-TAC

Profile view:



Design:

Cable core:

Tight buffered fibres TB900L, outer diameter 0.9 mm, with bend insensitive fibres (G657A2/B2, OM3BI or OM4BI)

Core colour in the inner layer: blue, orange, green, brown

Stranding:

4 Tight buffered fibres TB900L, stranded around a central strength member (FRP).

Strain relief elements:

Strain relief elements (aramid), wrapped

Tape:

Tape

Inner jacket:

Polyurethane (TPE-U), wall thickness approx. 1.2 mm

Outer diameter approx. 6.0 mm

Colour: black

Armour:

Wrapped multifunctional E-glass yarns, as strain relief elements and non-metallic rodent protection

Tape:

Tape

Outer jacket:

Polyurethane (TPE-U), wall thickness approx. 1.3 mm

Outer diameter approx. 9.2 mm

Colour: black

Inkjet - marking (white):

FiberConnect® A-V(ZN)11Y(ZN)B11Y 4 fibre type TB900L

(alternating current symbol twice), (Order No.), (Reel No.), (sequential length in metres)

Application/Installation:

Flexible cable for moved application indoor and outdoor

FO - cable for harsh industrial environment, with abrasion-resistant PUR - jacket

Transmission characteristics:**G657A2**

Attenuation at 1310 nm max. 0.38 dB/km

Attenuation at 1550 nm max. 0.28 dB/km

Multi-Mode G50/125

Attenuation at 850 nm max. 3.0 dB/km

Attenuation at 1300 nm max. 1.0 dB/km

All other characteristics see separate fibre data-sheet

Mechanical characteristics:

Max. tensile force acc. IEC 60794-1-2 E1, short term 2200 N

Min. bending radius during assembly (dynamic),
with additional tensile strain acc. IEC 60794-1-2 E6 10 x outside diameter

Min. bending radius in moved application (dynamic),
without additional tensile strain acc. IEC 60794-1-2 E6 15 x outside diameter

Max. crush resistance acc. IEC 60794-1-2 E3, short term 5000 N/dm

Impact resistance acc. EIA/TIA-455-25B RT, stamp radius 12.5mm,
20 impacts, force 4.41Nm

Crush resistance acc. EIA/TIA-455-41A RT, plate 10cmx10cm, 3 cycles,
load 6440N, time 10min
approx. 82 kg/km

Cable weight

Thermal characteristics:

Transport and storage - 55°C to + 85°C

Installation - 40°C to + 70°C

In use acc. IEC 60794-1-2 F1 - 55°C to + 85°C

Chemical characteristics:

Very good resistance to oil, petrol, acid and leach

UV-resistance of the outer-jacket

Standardisation:

IEC 60794-2

Notes:

Possible packaging:

Disposable drums

Wooden drums