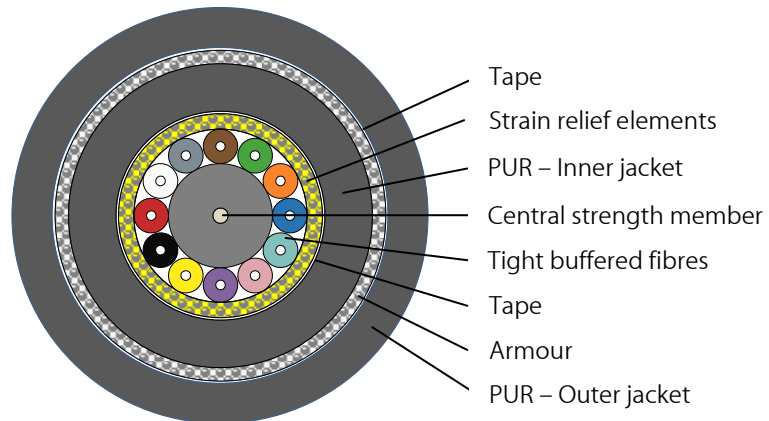


# 12 FIBER MIL-TAC

## Profile view:



## Design: Cable core:

Tight buffered fibre TB900L, outer diameter 0.9 mm, with bend insensitive fibres (G657A1, G657A2/B2 or OM3BI)

Core colours in one layer (12): blue, turquoise, pink, violet, yellow, black, red, white, grey, brown, green, orange

## Stranding:

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. 7.9 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. 1.1 mm

Outer diameter approx. 10.8 mm

Colour: black

Inkjet - marking (white):

FiberConnect® A-V(ZN)11Y(ZN)B11Y 12 *fi* *bre 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:**

Transmission 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
Crush resistance acc. EIA/TIA-455-41A	RT, plate 10cmx10cm, 3 cycles, load 6440N, time 10min
Cable weight	approx. 111 kg/km

**Thermal characteristics:**

Transport and storage	- 40°C to + 85°C
Installation	- 40°C to + 70°C
In use acc. IEC 60794-1-2 F1	- 40°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