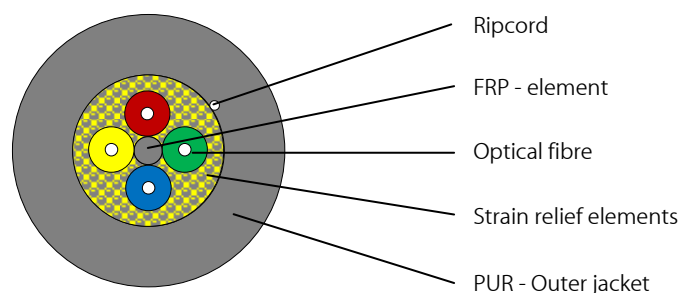


LEONI Part No.: **84951036#**

FiberConnect® A-V(ZN)11Y 4 ... TB900L

Profile view:



Design:

Cable core:

- Tight buffered fibres (9/125), (50/125) or (62.5/125) bend insensitive, with diameter 0.9 mm colours: red, green, blue and yellow stranded around a central strength member
- Strain relief elements (aramid) with additional compression relief elements

Outer jacket:

- Polyurethane (TPE-U) with approx. 1.2 mm wall, colour: black, or according customer requirement
- Outer diameter approx. 5.5 mm
- Ripcord under the jacket
- Inkjet-marking (white):
LEONI - FiberConnect® A-V(ZN)11Y 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
- Indoor cable for the installation in cable ducts and in tubes and also suitable for interconnections in harsh industrial environments
- Good installation through ripcords to open the jackets
- For direct connector assembly
- Ruggedized for industrial application, chemical resistance, abrasion resistance and crush resistance
- Not suitable for underground laying (direct buried)

Transmission properties:

- Transmission characteristics see separate fibre data-sheet

LEONI Part No.: **84951036#****Mechanical properties:**

- Min. bending radius acc. to IEC 60794-1-2, method E11, procedure 1
 - static 10 x outside diameter
 - dynamic 15 x outside diameter
- Max. tensile strength acc. to IEC 60794-1-2, method E1
 - short-term max. 2500 N
 - long-term max. 1500 N
- Max. crush resistance acc. to IEC 60794-1-2, method E3
 - short-term max. 8000 N/dm
 - long-term max. 4000 N/dm
- Impact resistance acc. to IEC 60794-1-2, method E4
 - 3 Impacts, 1.5 Nm
- Flexing test acc. IEC 60794-1-2 E8
 - (2000 cycles, D = 80 mm, F = 10 N, L (pulling path) = 1.5 m)
- Weight
 - approx. 28.5 kg/km
- Drag chain test
 - 2 000 000 cycles

Thermal properties:

- Transport and storage - 55 °C to + 85 °C
- Installation - 20 °C to + 60 °C
- Operation - 55 °C to + 85 °C

Fire performance:

- Cable is flame-retardant acc. to IEC 60332-1-2
- Halogen-free acc. to IEC 60754-1
- Acidity of the combustion gases acc. to IEC 60754-2

Chemical properties:

- Resistance to oil, petrol, acid and leach
- UV - resistant

Standardisation:

- IEC 60 794-2

Notes:

- Packaging:
Non-returnable reel