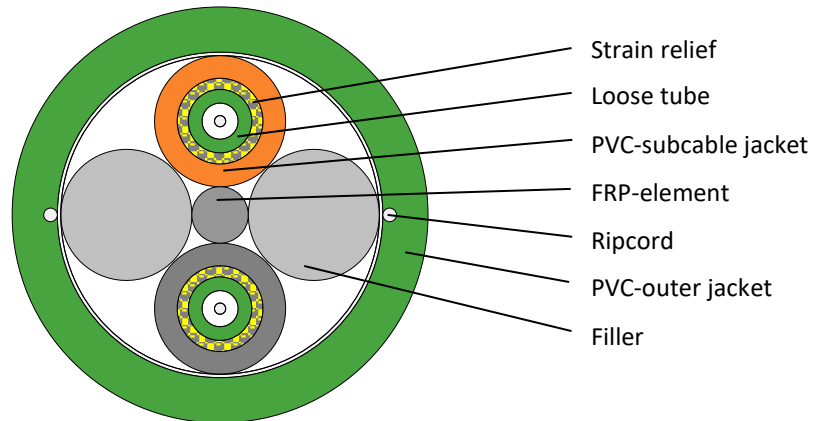


Part No.: **84950544#**

FiberConnect® AT-W(ZN)YY 2...

Profile view:



Design:

Subcable:

- Loose tube, gel filled, diameter approx. 1.4 mm with an Optical fibre colour: yellow (E9/125), green (G50/125), blue (G62.5/125)
- Strain relief elements (aramid)
- Subcable jacket: Polyvinylchloride (PVC), wall thickness approx. 0.5 mm, colour: orange with an arrow and black (filler grey)
- Diameter 2.9 ± 0.1 mm

Stranding:

- FRP-central strength member;
two breakout subcables and two fillers stranded in one layer

Outer jacket:

- Polyvinylchloride (PVC), wall thickness approx. 1.0 mm
colour: green (RAL 6018)
- Two ripcords, diametral under jacket
- Outer diameter. 9.2 ± 0.3 mm
- Inkjet-marking, black:
WEINERT - FiberConnect® PROFINET Type B AT-W(ZN)YY 2 fibre type (alternating current symbol twice), (order no.) (reel no.) (sequential length in metres)

Application/Installation:

- Usable for PROFINET-applications
- For direct connector assembly
- For fixed installation in cable ducts and in tubes
- Not suitable for underground laying

Part No.: **84950544#**

Transmission properties:

- Transmission characteristics see separate fibre data-sheet

Mechanical properties of subcables:

- Min. bending radius acc. to IEC 60794-1-2, method G1
short-term 30 mm
long-term 50 mm

Mechanical properties of complete cable:

- Min. bending radius acc. to IEC 60794-1-2, method G1
short-term 90 mm
long-term 135 mm
- Max. tensile strength acc. to IEC 60794-1-2, method E1
short-term 600 N
Max. crush resistance acc. to IEC 60794-1-2, method E3
short-term 500 N/cm
- Weight approx. 72 kg/km

Thermal properties:

- Transport and storage - 20 °C to + 70 °C
- Installation - 5 °C to + 50 °C
- In use - 20 °C to + 70 °C

Fire performance:

- Flame-retardant in according to IEC 60332-1

Chemical properties:

- Good resistance to oil, petrol, acid and leach

Standardisation:

- PROFINET Type B

Notes:

- Packaging:
Non-returnable reel

Disclaimer:

FELTEN Wire and Cable Solutions BV reserves the right to make changes to the product described in this specification without prior notice. FELTEN does not assume any liability which may occur due to the use of the specification described herein. Drawings are not to scale unless otherwise specified and are provided for general and informational purposes only. All values represented in this specification should be used as a guide only and exact product details can be confirmed at point of enquiry.