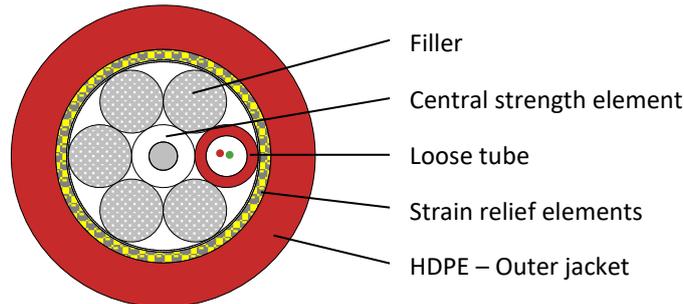


Part No.: **84950939#**

## FiberConnect® A-D(ZN)2Y 1x 2... floating

### Profile view:



### Design:

#### Loose tube:

- Gel-filled loose tube, outer diameter 2.0 mm with colour-coded optical fibres
- Fibre colours: red, green

2

#### Cable core:

- Central strength member with stranding elements
- Tube colour: red

#### Strain relief:

- Aramid, wrapped in two layers (left and right spin)

#### Outer jacket:

- Polyethylene (HDPE), wall thickness approx. 1.4 mm, colour: red
- Outer diameter approx. 9.6 mm
- Inkjet-Marking black:  
WEINERT - FiberConnect® A-D(ZN)2Y 1x2 *fibre type* (alternating current symbol twice), (Order No.), (Reel No.), (sequential length in metres)

### Application/Installation:

- Cable design for temperature sensing applications in water
- Special light weight floating design, density approx. 0.80 kg/dm<sup>3</sup>

### Transmission characteristics:

- Transmission characteristics see separate fibre data sheet

Part No.: **84950939#**

**Mechanical characteristics:**

- Min. bending radius  
static 15 x outside diameter  
dynamic 20 x outside diameter
- Tensile strength, max. 600 N
- Weight 56 kg/km

**Thermal characteristics:**

- Transport and storage - 25 °C to + 70 °C
- Installation - 5 °C to + 50 °C
- In use - 25 °C to + 70 °C

**Fire performance:**

- Cable is halogen-free

**Chemical characteristics:**

- Good resistance to oil, fuel, acid and saline
- UV-stabilised outer-jacket

**Standardisation:**

- None

**Notes:**

- Packaging: Disposable wooden drums

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