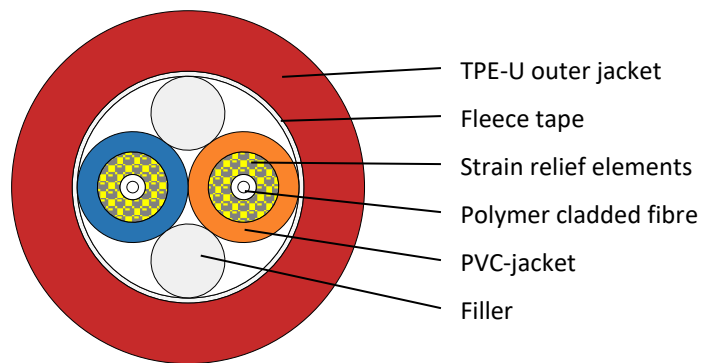


Part No.: **84Q01800T**

FiberConnect® I-V(ZN)Y11Y 2K200/230

Profile view:



Design:

Single element:

- Polymer clad optical fibre 200/230 µm (step index) with Tefzelbuffer (ETFE), buffer diameter: approx. 0.5 mm
- Strain relief elements: aramid
- Jacket: Polyvinylchlorid (PVC), nominal 0.4 mm wall, colours: orange und blue
- Diameter: nominal 2.2 mm

Stranding:

- Two single elements and two filler stranded
- fleece tape

Cable jacket:

- Polyurethan (TPE-U) with nominal 1.2 mm wall colour: red
- Over all diameter: nominal 7.0 mm
- Inkjet-marking black:
I-V(ZN)Y11Y 2K200/230 10A17 / 8B20;
(Order No.), (Reel No.), (sequential length in metres)

Application/Installation:

- FO-cable for industrial environments
- Installation in cable ducts, on cable trays or in cable conduits
- For direct connector assembly

Transmission characteristics:

- Attenuation (at TR = 20 OC)

at 650 nm	< 10 dB/km
at 850 nm	< 8 dB/km

Part No.: **84Q01800T**

- Bandwidth
at 650 nm > 17 MHz x km
at 850 nm > 20 MHz x km
- Numerical aperture 0.37

Mechanical characteristics:

- min. bending radius
dynamic 70 mm
static 50 mm
- Pull force, max.
dynamic 800 N
static 200 N
- Crush resistance, max.
short-term 1500 N/dm
long-term 250 N/dm
- Weight approx. 43 kg/km

Thermal characteristics:

- Transport and storage - 25 °C to + 70 °C
- Installation - 5 °C to + 50 °C
- During operation - 20 °C to + 70 °C

Fire performance:

- Cable is flame retardant

Chemical characteristics:

- Very good resistance against oil, petrol, acid and leach
- UV-resistance of outer-jacket in according to DIN EN ISO 4892-2, Procedure A, UV-application 500 hours

Standardisation:

- Multimode fibres category A3e
IEC 60793-2-30
- IEC 60794-3
- DIN VDE 0888-Part 4

Notes:

- Packaging
Disposable drums

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