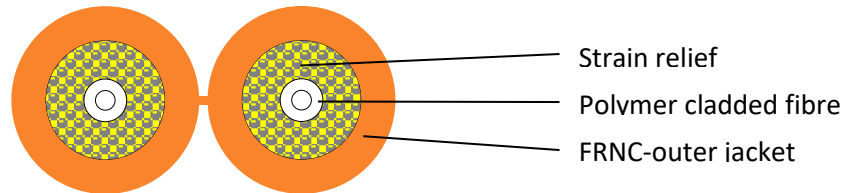


Part No.: **84Q01000T**

FiberConnect® I-V(ZN)H 2x1K200/230

Profile view:



Design:

Cable:

- Polymer cladded optical fibre 200/230 µm (step index) with Tefzelbuffer (ETFE), buffer diameter: approx. 0.5 mm
- Strain relief elements: aramid
- Outer jacket: FRNC (TPE-O) halogen-free und flame-retardent, nominal 0.4 mm wall, colour: orange
- Over all diameter: nominal 2.2 mm x 4.5 mm
- Inkjet-marking black:
I-V(ZN)H 2x1K200/230 10A17 / 8B20
(Order No.), (Reel No.), (sequential length in metres)

Application/Installation:

- FO-cable for flexibel applications with a weakly dynamic stress as well as installations in cable ducts, tubes and on cable racks
- For direct connector assembly

Transmission characteristics:

- Attenuation (at TR = 20 OC)
 - at 650 nm < 10 dB/km
 - at 850 nm < 8 dB/km
- Bandwidth
 - 650 nm > 17 MHz x km
 - 850 nm > 20 MHz x km
- Numerical aperture 0.37

Part No.: **84Q01000T**

Mechanical characteristics:

- Bending radius min. (over the flat side)
 - short term, during installation 60 mm
 - long term, in use 30 mm
- Pull force, max.
 - short term 300 N
 - long term 100 N
- Crush resistance, max.
 - short-term 1000 N/dm
 - long-term 250 N/dm
- Weight approx. 11 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:

- Flame retardant in acc. to IEC 60332-1-2
- Cable is halogen-free acc. to IEC 60754-2 (except Tefzel buffer)
- No corrosive and toxic fumes

Chemical characteristics:

- No resistance to oil, petrol, acid and leach

Standardisation:

- Multimode fibres category A3e IEC 60793-2-30
- IEC 60794-2
- DIN VDE 0888-Part 6

Notes:

- Packaging
Disposable drums

Disclaimer:

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