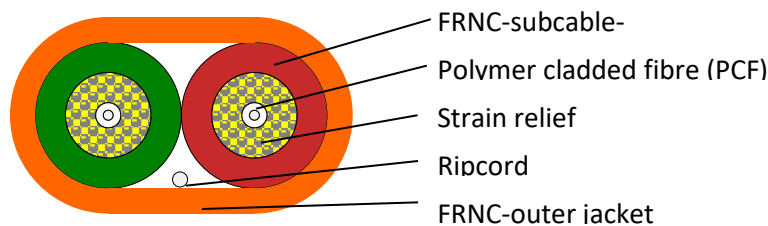


Part No.: **84Q00700T**

FiberConnect® I-V(ZN)HH 2x1 K200/230

Profile view:



Design:

Single element:

- Polymer cladde optical fibre 200/230 µm (step index) with Tefzelbuffer (ETFE), buffer diameter: approx. 0.5 mm
- Strain relief elements: aramid
- Subcable-jacket: FRNC (TPE-O) halogen-free and flame-retardent, nominal 0.6 mm wall, colours: red and green
- Diameter: nominal 2.9 mm

Cable jacket:

- Two subcables lying parallel to one another
- Outer jacket: FRNC (TPE-O) halogen-free und flame-retardent, nominal 0.5 mm wall, colour: orange
- Over all diameter: nominal 3.9 mm x 6.8 mm
- Ripcord under jacket
- Inkjet-marking black:
I-V(ZN)HH 2x1 K200/230 10A17 / 8B20 (Order No.), (Reel No.),
(sequential length in metres)

Application/Installation:

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

Transmission characteristics:

- Attenuation (at $T_R = 20\text{ }^\circ\text{C}$)
 - 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.: **84Q00700T**

Mechanical characteristics:

- min. bending radius
 - dynamic 50 mm
 - static 30 mm
- Pull force, max.
 - dynamic 800 N
 - static 200 N
- Crush resistance, max.
 - short-term 3000 N/dm
 - long-term 1000 N/dm
- Impact resistance 1,5 Nm / 3 blows
- Weight approx. 31 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
- Cable is halogen-free acc. to IEC 60754-2 A1:1997 (except Tefzel buffer)

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: