



- Fiber optic
- M6, coaxial optics
- Series D22
- Stainless steel 1.4305

General attributes

Basic standard
Enclosure Type per IEC 60529
Reference base unit
Series

IEC 60947-5-2
IP65
BFB 75K-001-..
Series D22

Housing material

Length 1
Length 2
Mounting type
Range Sn
Structure of fiber optic cable

Stainless steel 1.4305

Ø6.0 mm
17.0 mm
Nut M6x0.75
Sn = 120 mm
Fiber bundle in plastic sheath
Single fiber in plastic sheath
Cylinder, straight optics
M6, coaxial optics

Electrical attributes

Connection type

Cable Ø2.2 mm

Style
Version

Mechanical attributes

Amb. temp. of connection area
Ambient temperature Ta max.
Ambient temperature Ta min.
Cable core material (fibers)
Cable diameter D max.
Cable jacket material
Cable length L [m]
Eff. operating distance Sr
Fiber arrang., active surface
Fibers, active surface

Acc. to fiber optic sensor
70 °C
-55 °C
PMMA
2.2 mm
PE
2 m, cuttable
120 mm
Ring around individual fiber
Ø1.0 mm (1x)
Ø0.25 mm (16x)

Additional text

The cutting tool is included in the scope of delivery; order other accessories separately. When cutting the cable to the appropriate length: use a suitable cutting tool. The cut is performed in a single operation perpendicular to the cable axis. The condition of the cut can affect the switching distance.

Reference object (target): Gray card, 200 x 200, 90 % remission, axial approach. Lay fiber optic cables in such a way that no excessive tension, pressure or torsional forces are exerted on them. Do bend tighter than the permissible bending radii. Mounting can affect the switching distance.