



### Basic features

Basic standard	IEC 60947-5-2
Reference base unit	BFB 75K-001-..
Use	for fiber optic base units BFB
Version	Ø 2, standard

### Environmental conditions

Ambient temperature	-55...70 °C
Ambient temperature connection area	Acc. to fiber optic sensor
Protection degree	IP65

### Material

Active surface, fiber arrangement	Single fiber
Fiber type material	PMMA
Housing material	Stainless steel (1.4305)
Material jacket	PE

### Mechanical data

Active surface, fibers	Ø 0.5 mm
Cable diameter D	1.00 mm
Cable length L	2 m
Cable, bending radius min.	15 mm
Cable, note	can be trimmed
Connection	Ø 2.2 mm
Connection type	Adapter sleeve, 2.00 m, PE
Dimension	Ø 2 x 15 mm
Fiber optic cable, structure	Single fiber in plastic jacket
Length B min., without bending	10.00 mm
Mounting	Diameter 2.0 mm
Tensile load max. at 20 °C	6 N (max. 3s)

### Range/Distance

Range	130 mm
Rated operating distance S <sub>n</sub>	130 mm
Real switching distance s <sub>r</sub>	130 mm

### Remarks

The cutting tool is included in the scope of delivery order other accessories separately.

Cut cable to length: use suitable cutting tool. Make a single cut, vertical to cable axis. The cut quality can affect the switching distance.

Route fiber optic cable so that no excessive tensile, compression or torsional forces are permitted. Observe permissible bending radiuses. Installation may affect the switching distance.

### Opto Symbols

