



Basic features

Reference base unit	BFB 75K-001-..
Use	for fiber optic base units BFB
Version	Fork, coaxial optics

Environmental conditions

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

Material

Active surface, fiber arrangement	opposing
Fiber type material	PMMA
Housing material	Plastic
Material jacket	PE

Mechanical data

Active surface, fibers	Ø 0.25 mm (2x)
Cable diameter D	1.30 mm
Cable length L	2 m
Cable, bending radius min.	10 mm
Cable, note	can be trimmed
Connection	Ø 2.2 mm
Connection type	Adapter sleeve, 2.00 m, PE
Dimension	7 x 36.7 mm
Fiber optic cable, structure	Single fiber in plastic jacket
Length B min., without bending	15.00 mm
Mounting part	Screw M3
Tensile load max. at 20 °C	6 N (max. 3s)

Range/Distance

Rated operating distance Sn	10 mm
Real switching distance sr	10 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

