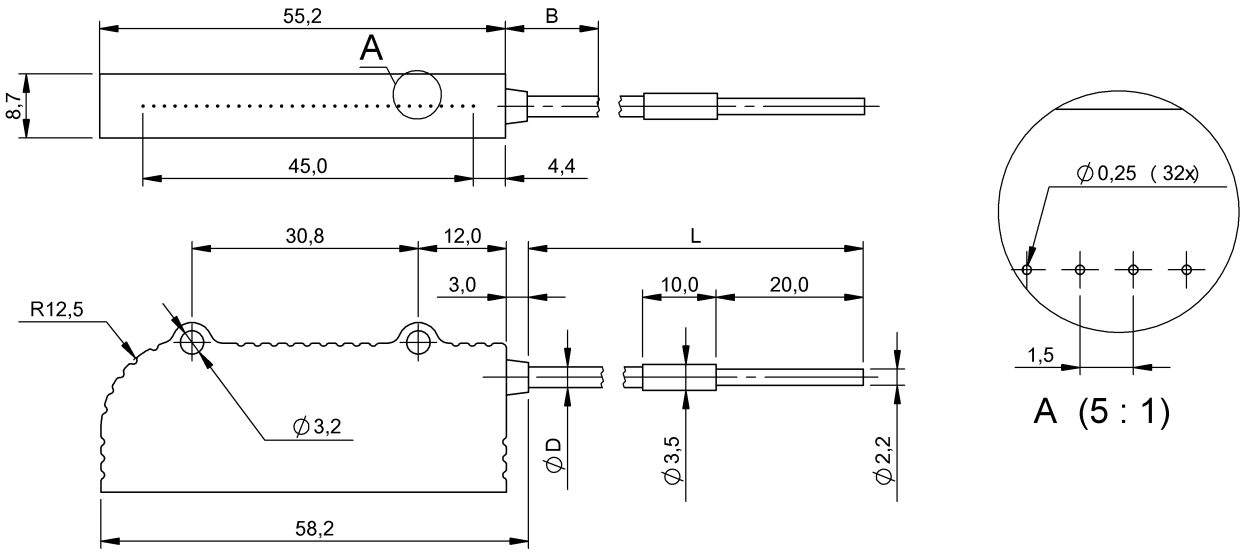
Reflectors, Fibers, Optics

# BFO D25 LA-HD-EAK-465-02
# Order Code: BFO00C8




## Basic features

| | |
|---|---|
| **Basic standard** | IEC 60947-5-2 |
| **Reference base unit** | BFB 75K-001-.. |
| **Use** | for fiber optic base units BFB |
| **Version** | 0.25x46.5, 90°-light grid |

## Environmental conditions

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

## Material

| | |
|---|---|
| **Active surface, fiber arrangement** | Row |
| **Fiber type material** | PMMA |
| **Housing material** | ABS |
| **Material jacket** | PE |

## Mechanical data

| | |
|---|---|
| **Active surface, fibers** | Ø 0.25 mm (32x) |
| **Cable diameter D** | 2.80 mm |
| **Cable length L** | 2 m |
| **Cable, bending radius min.** | 60 mm |
| **Connection** | Ø 2.2 mm |
| **Connection type** | Adapter sleeve, 2.00 m, PE |
| **Dimension** | 8.7 x 55 x 23 mm |
| **Fiber optic cable, structure** | Fiber bundle in plastic jacket |
| **Length B min., without bending** | 20.00 mm |
| **Mounting part** | Screw M3 |
| **Tensile load max. at 20 °C** | 6 N (max. 3s) |

## Range/Distance

| | |
|---|---|
| **Range** | 550 mm |
| **Rated operating distance Sn** | 550 mm |
| **Real switching distance sr** | 550 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.
The scope of delivery includes one set of fiber optics for the transmitter and one for the receiver.

## Opto Symbols

