

# FSE 200EH400

Plastic fiber optic cable

Article number: 11708590

## Overview

- Through-beam type
- Actual range up to 2024 mm
- Threaded sensing head M4, with thread M2.6 for optional lens, 90° fiber exit
- Plastic fiber 200 cm long, with bend protection
- Operating temperature up to +70 °C
- For compact fiber optic sensors FVDK 10 and OF10

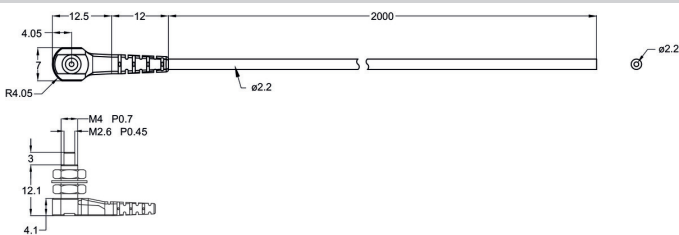


Picture similar

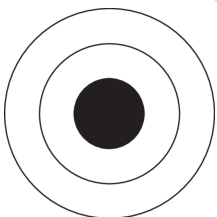
## Technical data

General data		Mechanical data	
Particular characteristics	Bend protection	Width / diameter (head)	4 mm
Operating principle	Through-beam type	Height / length (head)	15.1 mm
Actual range Sb	2024 mm	Material (head)	Stainless steel
Fiber optic head	Cylindrical threaded, 90° fiber exit	Thread	M4 x 0.7
Operating temperature	-55 ... +70 °C	Bending radius (fixed)	9 mm
Exit angle	60°	Cable jacket diameter	2.2 mm
Fiber optics can be shortened to length	Yes	Material cable jacket	PE
Integrated lens	No	Material (fiber optic cable)	Plastic
Adaptable lens	Yes	Length (fiber optic cable)	200 cm
Infrared light compatibility (1450 nm)	No		

## Dimension drawing



## Fiber arrangement



## Actual range diagram

	Mode	Actual Range Sb [mm]
OF10	Ultra-High-Speed	538
	High-Speed	725
	Standard	804
	High-Resolution	1154
	Long-Range	1528
	Ultra-Long-Range	2024
FVDK 10x6	Fast	462
	Semi Fast	774
	Normal	916
FVDK 10x5	Potentiometer	115

## Accessories

### Fitting fiber optic sensors

11252204	OF10.FR-GW2J.B2NV/A014
11244386	OF10.FR-GW2J.B2CV/A014
11224111	OF10.FR-PW1B.B2N
11224008	OF10.FR-NW1B.B2CV
11224009	OF10.FR-NW1B.B2N
11224110	OF10.FR-PW1B.B2CV
11244384	OF10.FR-GW2J.B2N/A014
10162867	FVDK 10N5101
10162865	FVDK 10N5101/S35A
10162866	FVDK 10P5101
10162864	FVDK 10P5101/S35A
11045446	FVDK 10N66Y0
11045448	FVDK 10N66Y0/S35A
11045460	FVDK 10N66YR
11045445	FVDK 10P66Y0
11045447	FVDK 10P66Y0/S35A
11045449	FVDK 10P66YR
11214490	FVDK 10P66ZR
11214493	FVDK 10P66Z0/S35A
11214478	FVDK 10P66Z0
11214492	FVDK 10N66ZR
11214494	FVDK 10N66Z0/S35A
11214479	FVDK 10N66Z0
11045462	FVDK 10N66YM
11045464	FVDK 10N66YS
11045461	FVDK 10P66YM
11045463	FVDK 10P66YS

### Mounting accessories

11708552	ZTOOL-FBR.CUTTER
10119911	Mounting bracket Ø 2,2 mm

### Lenses and components

11708553	ZLENS-FBR.M26_LONG
11708557	ZLENS-FBR.M4_LONG