



# SUHNER FIBEROPTIC FLSA CONNECTOR

## Features

- Anti-rotation key
- Adjustable in 60° steps
- Spring loaded zirconia ceramic ferrule
- Special ferrule preform for short polishing time
- Axially suspended

## Applications

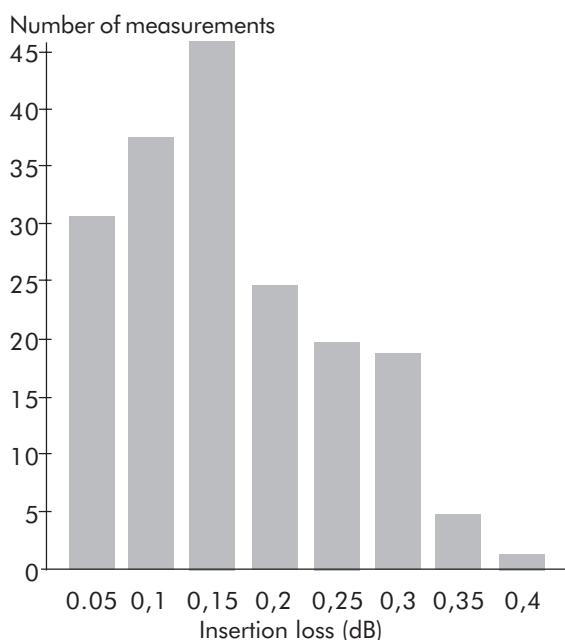
- Telecom
- MAN, CATV, sensor systems
- Measuring techniques
- Utilities, railways



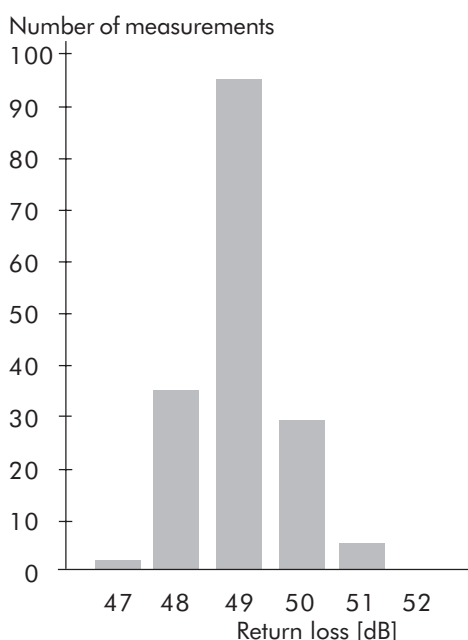
## Specifications

Insertion loss singlemode (E9/125)	50% < 0.15dB; 98% < 0.4dB
Return loss singlemode	50% >49dB; 98% >45dB
Return loss HRL	> 85dB
Insertion loss multimode (G50, G62.5/125)	50% < 0.2dB; 98% < 0.5dB
Strain relief	crimped, 100N (conditioned by type of cable)
Operating temperature	-40° to +85°C (conditioned by type of cable)
Durability	min. 1000 cycles
Assembly procedure	glue and polish
Connection	physical contact of ferrules
Lock mechanism	screw thread
Standards	according to CECC 86135-801/-802

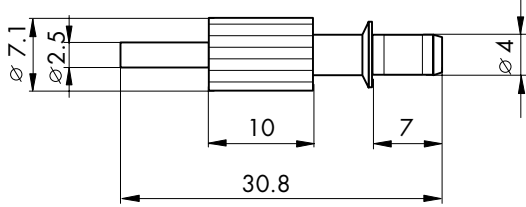
## Insertion loss singlemode



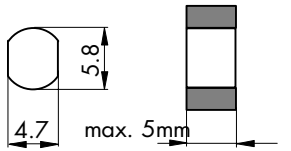
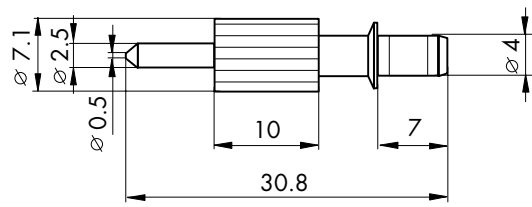
## Return loss singlemode



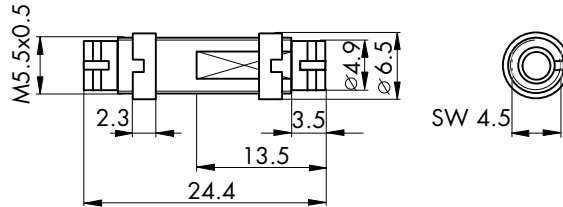
Pc-Version:



HRL-Version:



Mounting hole    Wall thickness



## Ordering table

### Connector

FLSA-Z/M-A001	FLSA-connector, singlemode
FLSA-Z/M-B001	FLSA-connector, multimode
FLSA-Z/M-A600	FLSA-connector, HRL

### Adapter

FLSA-FLSA-B100	FLSA-adapter with 2 loose nuts for D-hole mounting
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### Crimpset black

009-BK-A001	for cable-Ø < 1.0mm
021-BK-A001	for cable-Ø 2.0 - 2.2mm
024-BK-A001	for cable-Ø 2.3 - 2.6mm
028-BK-A001	for cable-Ø 2.7 - 2.9mm
030-BK-A001	for cable-Ø 3.0 - 3.3mm
035-BK-A001	for cable-Ø 3.4 - 3.6mm

### Crimpset green (HRL)

009-GN-A001	for cable-Ø < 1.0mm
021-GN-A001	for cable-Ø 2.0 - 2.2mm
024-GN-A001	for cable-Ø 2.3 - 2.6mm
028-GN-A001	for cable-Ø 2.7 - 2.9mm
030-GN-A001	for cable-Ø 3.0 - 3.3mm
035-GN-A001	for cable-Ø 3.4 - 3.6mm

#### Waiver

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