# SUHNER FIBEROPTIC
# FST-HQ CONNECTOR

## Features
- One-piece design
- Zirconia ceramic ferrule
- Special ferrule preform for short polishing time
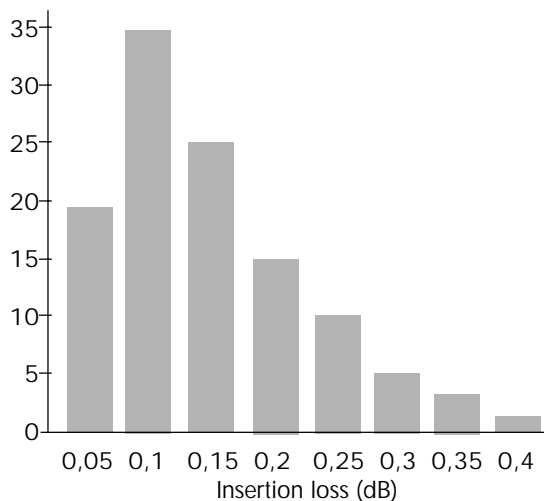- Metal Ferrule for HCS 200/230
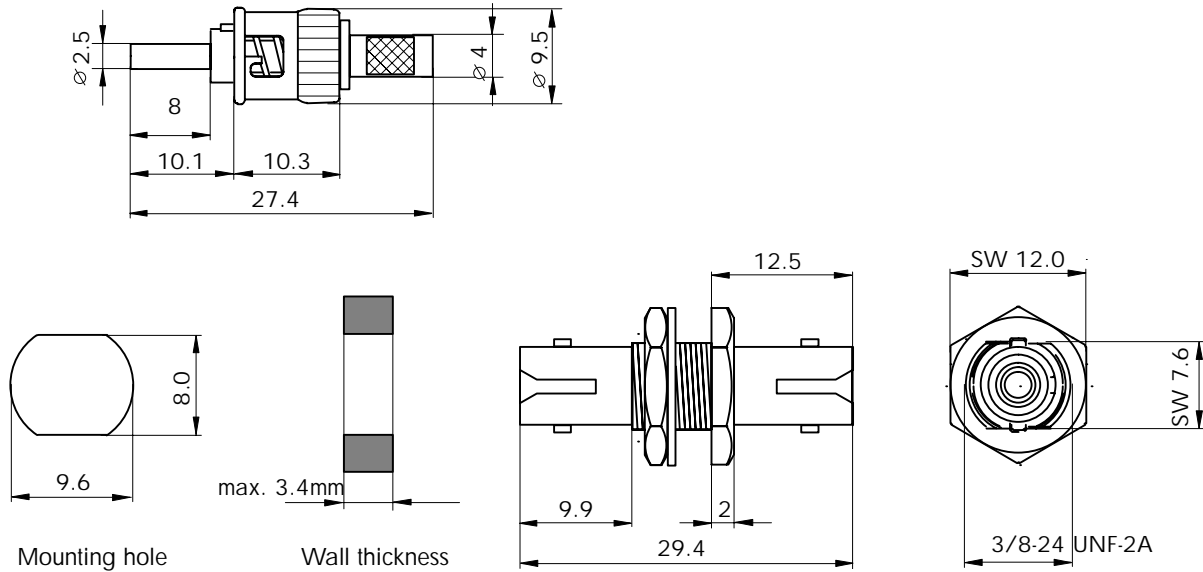
## Applications
- LAN
- Industrial

## Specifications

| | |
|---|---|
| Insertion loss singlemode,  E9/125, acc. to ECO class | 50% < 0.23dB; 98% < 0.5dB |
| Return loss singlemode | 50% > 49dB; 98% > 47dB |
| Insertion loss multimode, G50, G62.5/125 | 50% < 0.2dB; 98% < 0.5dB |
| Insertion loss multimode HCS 200/230 | 50% < 1.0dB; 98% < 1.5dB |
| Strain relief | crimped, 100N (dependent upon cable type) |
| Operating temperature | -20° to +85°C (dependent upon cable type) |
| Durability | min. 500 cycles |
| Assembly procedure | glue and polish |
| Connection | physical contact of ferrules |
| Lock mechanism | bayonet catch |
| Standard | according to IEC 874-10 |

## Insertion loss multimode

Number of measurements



Insertion loss (dB)

Mounting hole

Wall thickness

## Ordering table

| Connector | |
|---|---|
| FST-Z/M-A001 | FST-HQ connector, singlemode |
| FST-Z/M-B001 | FST-HQ connector, multimode |
| | |
| **Adapter** | |
| FST-FST-C100 | FST-HQ adapter with 1 loose, 1 fixed nut and 1 washer |
| | for D-hole mounting, zirconia ceramic ferrule |
| 009-BK-A001 | for cable-∅   < 1.0mm |
| 021-BK-A001 | for cable-∅   2.0 - 2.2mm |
| 024-BK-A001 | for cable-∅   2.3 - 2.6mm |
| 028-BK-A001 | for cable-∅   2.7 - 2.9mm |
| 030-BK-A001 | for cable-∅   3.0 - 3.3mm |
| 035-BK-A001 | for cable-∅   3.4 - 3.6mm |
| | |

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