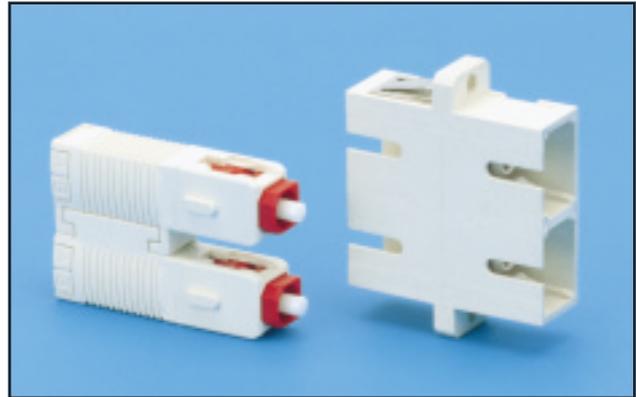# SUHNER FIBEROPTIC
FSC-CMAX DUPLEX CONNECTOR

Features

- Nondestructive design for
  connectability and disconnectability
- One-piece design
- Spring loaded zirconia ceramic ferrule
- Special ferrule preform for short polishing time
- Channel markings A and B with separable links
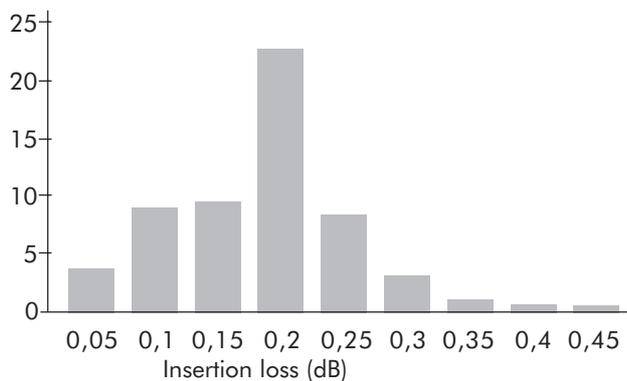
Applications
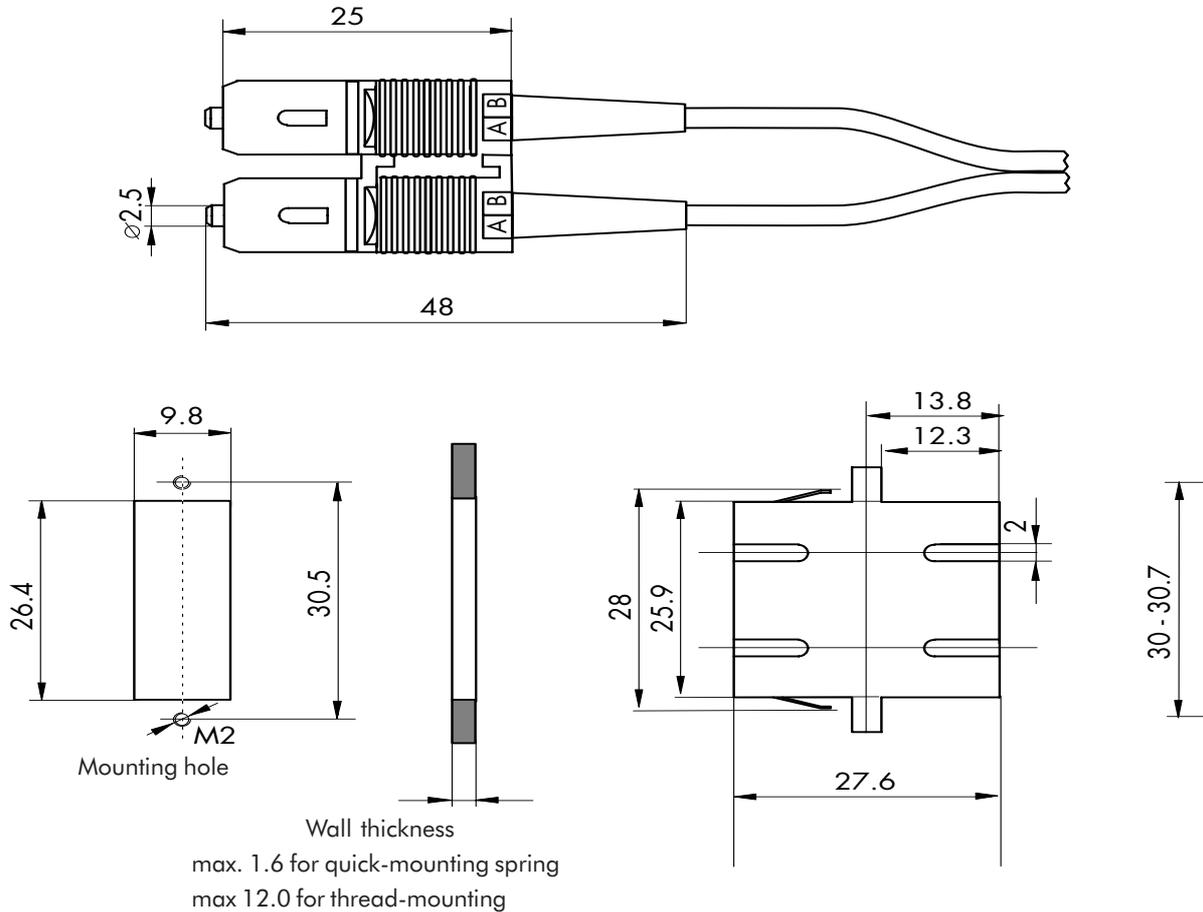
- LAN, MAN
- Telecom
- CATV, sensor systems

Specifications

Fibre type	G50, 62.5/125µm
Insertion loss multimode	50% < 0.4dB; 98% < 0.8dB
Strain relief	crimped, 100N (conditioned by type of cable)
Operating temperature	-25° to +70°C (conditioned by type of cable)
Durability	min. 500 cycles
Assembly procedure	glue and polish
Connection	physical contact of ferrules
Lock mechanism	snap-on
Standard	according to IEC 874-14

Insertion loss multimode

Number of measurements

Insertion loss (dB)

25

∅2.5

48

9.8

26.4

30.5

M2
Mounting hole

Wall thickness
max. 1.6 for quick-mounting spring
max 12.0 for thread-mounting

13.8

12.3

2

28

25.9

30 - 30.7

27.6

Ordering table

Connector	
FSC-CMAX-B001-02	FSC-CMAX DUPLEX connector, multimode
Adapter	
FSC-FSC-D200-02	FSC-CMAX DUPLEX adapter with 2-hole flange and
	phosphor-bronze sleeve
Crimpset black	
009-BK-D001	for cable-∅ < 1.0mm
021-BK-D001	for cable-∅ 2.0 - 2.2mm
024-BK-D001	for cable-∅ 2.3 - 2.6mm
028-BK-D001	for cable-∅ 2.7 - 2.9mm
030-BK-D001	for cable-∅ 3.0 - 3.3mm
035-BK-D001	for cable-∅ 3.4 - 3.6mm