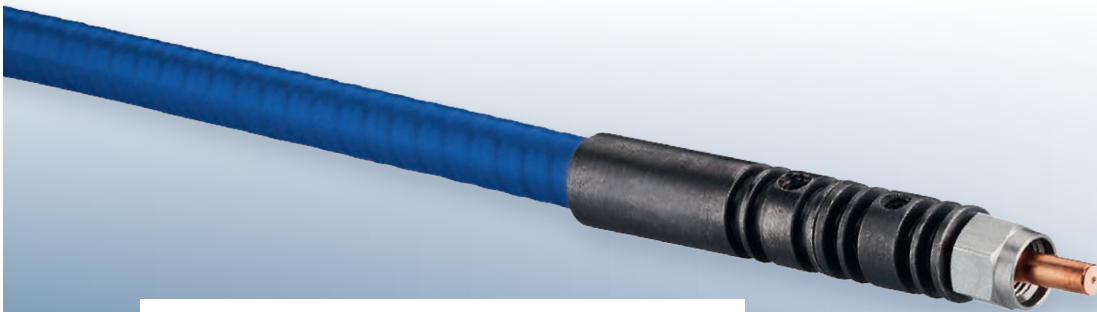


FiberTech® SMA500 MS ModeStrip laser cables



CLS□□□□IR08/08.0bl25/25-□□□□cm100

Description

Laser cable with F-SMA freestanding fiber connectors and PVC coated, steel-armored protection tube.

Copper based high-accuracy fiber ferrule for effective heat removal and high fiber centricity. Integrated convection-cooled cladding-mode stripper (ModeStrip). Applicable for laser beam delivery of up to 200 W.

Properties / Composition

- VIS-IR all-silica (silica/silica) step-index fiber with NA = 0.22
NA = 0.12 on request
Graded-index fiber on request
- SMA905 (F-SMA) connector with free-standing fiber tip, hex nut
- Keyed SMA905 (F-SMA) connectors on request
- All copper alloy parts for improved heat removal
- Fiber centricity < 5 μm fiber core to ferrule
- Squarelock, blue PVC-coated protection tube
- Metal connector cuffs to cable with heatsink
- Convection-cooled ModeStripper for cladding mode removal
- Electrical isolation from end to end
- Average laser power up to 200 W

Fiber core Ø [μm]	Cable length [m]	Type designation	Order no.
100	2	CLS0100IR08/08.0bl25/25-0200cm100	FCL25-10200-2000
200		CLS0200IR08/08.0bl25/25-0200cm100	FCL25-20200-2000
400		CLS0400IR08/08.0bl25/25-0200cm100	FCL25-40200-2000
100	3	CLS0100IR08/08.0bl25/25-0300cm100	FCL25-10300-2000
200		CLS0200IR08/08.0bl25/25-0300cm100	FCL25-20300-2000
400		CLS0400IR08/08.0 bl25/25-0300cm100	FCL25-40300-2000
100	5	CLS0100IR08/08.0bl25/25-0500cm100	FCL25-10500-2000
200		CLS0200IR08/08.0bl25/25-0500cm100	FCL25-20500-2000
400		CLS0400IR08/08.0bl25/25-0500cm100	FCL25-40500-2000