



Product Data Sheet

Product Type Optical Fiber Plug

Product Model SO12MH

Customer Name _____

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	Optical Fiber Plug	
Product Number	SO12MH	
Product Features		
➤ Rugged and reliable 12-channel fiber optic plug with metal housing ➤ Automatic dustproof flip-top design ➤ Reliable push-pull key locking mechanism ➤ Suitable for outdoor conditions with IP65 protection in the connected state ➤ Match with SO12DF or standard MPO/MTP fiber optic connectors ➤ This plug is pre-assembled with the fiber optic cable and is not supplied or cannot be purchased separately. Fiber optic cables are available in singlemode and multimode in different customized lengths and packages.		



Product Data Sheet

Product parameters

Item	Specification
Connection type	Optical fiber
Gender	Male

Mechanical Parameters

Item	Specification
Service life	> 2500 mating cycles
Insertion force	< 45 N
Locking device	Push-pull

Material and Environmental Parameters

Item	Specification
Housing	SUS
Push-button	Zinc alloy
Tube	SUS
Insert	PA
Protective Cover	Silicone rubber
Temperature range	-40°C ~ +75°C



Product Data Sheet

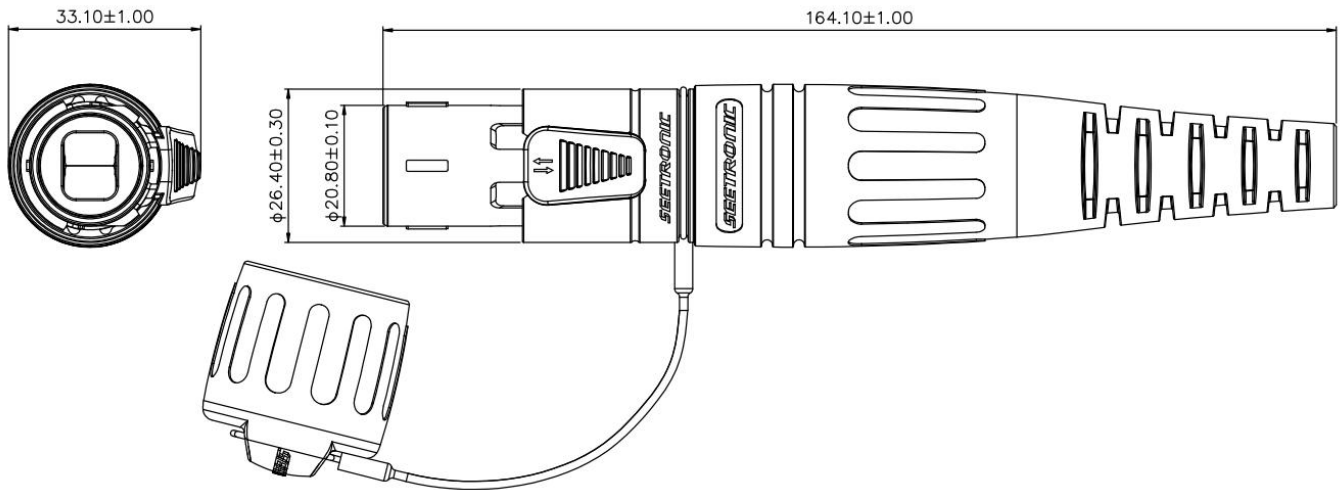
Fiber Optic Cable Parameters and Optical Properties

Item	Specification
Insertion loss	SM < 0.9 dB / connection MM < 0.9 dB / connection
Optical connector	MPO/MTP 12-channel(PC or APC)
Optical wiring	Type A
Cable color	Black
Fiber diameter	Single-mode 9 μm , Multi-mode 50 μm
Cladding diameter	125 μm
Outer jacket material	TPU
Minimum bending radius	8 cm
Number of fibers	12
Weight	70kg/km for 8mm
Cable diameter	8mm



Product Data Sheet

Product Drawing



Unit: mm

Packaging Method

The plug comes pre-assembled with fiber cable and is not available as a separate connector.

Accessory

- | | |
|--|--|
| ☒ No accessories | ☐ Back fastener plate |
| ☐ Screws and Nuts | ☐ Other |

