



Product Data Sheet

Product Type **Optical Fiber Socket**

Product Model **SO12DF**

Customer Name

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	Optical Fiber Socket	
Product Model	SO12DF	
Product Features		
➤ Robust and reliable 12-channel fiber socket ➤ Feed-through connection with automatic sealing shutter ➤ Shutter with silicone gasket protects fiber optical connections from dust and dirt ➤ Used for optical connection under outdoor conditions with protection grade IP65 ➤ The front end can be connected with SO12M or standard MPO/MTP connector and the back end accommodates standard MPO/MTP connector for easy installation		



Product Data Sheet

Product parameters

Item	Specification
Connection Type	Optical Fiber feed-through MPO
Gender	Female
Insertion loss	< 0.9 dB / connection

Mechanical Parameters

Item	Specification
Service life	> 2500 mating cycles
Insertion force	≤ 45 N
Locking force	1000 N
Chassis shape	D-size
Mounting direction	Front mounting
Locking device	Push-button

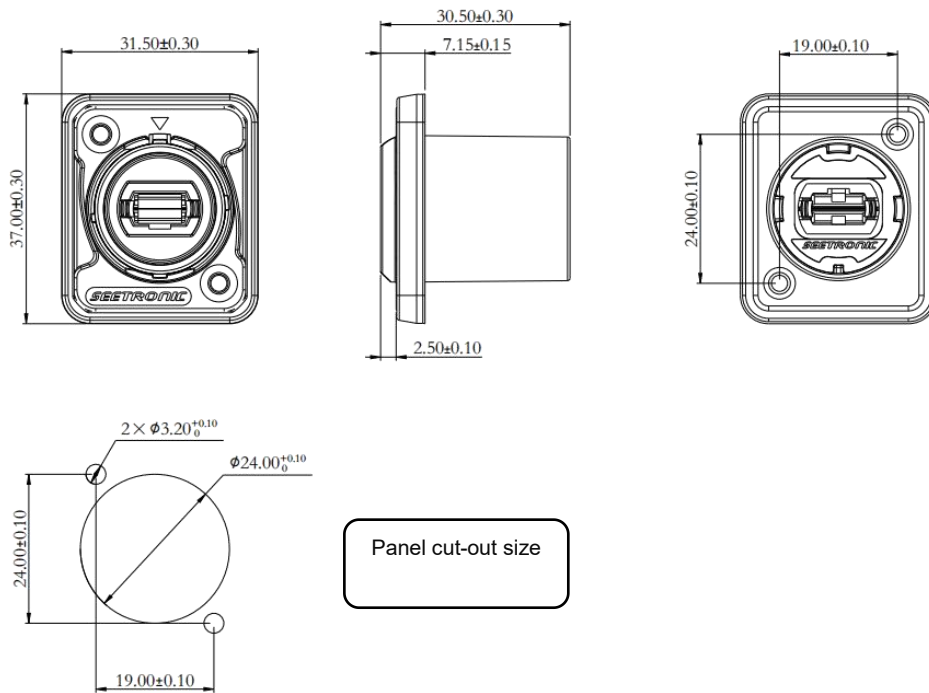
Material and Environmental Parameters

Item	Specification
Housing	Zinc alloy
Insert	PA
Temperature range	-40°C ~ +75°C



Product Data Sheet

Product Drawing



Unit: mm

Packaging Method

1 pc per bag (include 1 pc each of socket and waterproof gasket)
50 pcs per inner carton, 5 inner cartons per master carton (250 pcs per master carton)

Accessory

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

