IP-LC, IP-MPO

- LC- (2-fibre) or MPO- (12-fibre) connector with IP68 protection.
- 24-fibre MPO may be delivered on request
- For exposed weather conditions.
- For environments with chemicals, corrosive-gasses and -liquids.
- For fixed and temporary connections.
- ODVA compatible.

Description

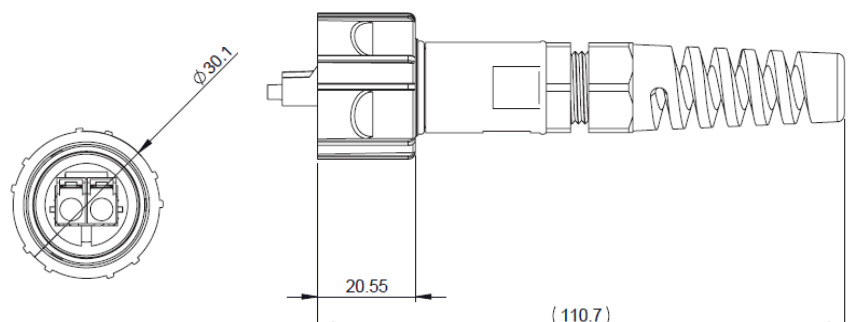This industrial version of these connectors are part of the following system:

- A specified length of tactical cable with a plug in both ends. The plugs are delivered with dust caps.
- 2 adapters for panel installation, delivered with dust cap.

Specifications

Material connector:	UV-stabilised, Flame Retardant (FR) plastic
Colour:	Black
Protection rating:	IP68
Operating temperature:	-40 °C to 70 °C
Fibre:	Single mode 9/125 OS2 according to ITU-T G.652.D
	Multi mode 50/125 OM-3 according to EN 50173-1
	Multi mode 50/125 OM-2 according to EN 50173-1
	Multi mode 62.5/125 OM-1 according to EN 50173-1
Insertion loss:	< 0.5 dB at 1310/1550 nm (single mode)
	< 0.5 dB at 850/1300 nm (multi mode)
Return loss:	< -45 dB at 1310/1550 nm (single mode)
	< -60 dB at 1310/1550 nm (single mode APC)
Cable type:	Tactical cable with polyurethane outer jacket. Good durability and resistant to chemicals
Diameter:	5.0/7.0 mm	LC/MPO
Tension at installation:	1800/1500 N	LC/MPO
Crush resistance:	440/300 N/cm	LC/MPO
Min. bend diameter:	40/70 mm	LC/MPO

IP-LC/MPO plug

The illustration shows IP-LC.
Outer dimensions are the same for LC and MPO.

Ø30.1

20.55

(110.7)

Article number

IP-LC:

IP-LC-LA4S11-D	Adapter, IP-LC, bulkhead, SM
IP-LC-LA4S81-D	Adapter, IP-LC, bulkhead, MM
IP-LC-LAI4S11-D	Adapter, IP-LC, in-line, SM
IP-LC-LAI4S81-D	Adapter, IP-LC, in-line, MM
LI-902MILOM1-LI-xxx	2-fibre IP-LC, 62.5/OM1, xxx m
LI-902MILOM2-LI-xxx	2-fibre IP-LC, 50/OM2, xxx m
LI-902MILOS2-LI-xxx	2-fibre IP-LC, 9/OS2, xxx m

IP-MPO:

IP-MPO-LA-779-D	Adapter, IP-MPO bulkhead, SM+MM, Keyup/Keydown
IP-MPO-LAI-779-D	Adapter, IP-MPO inline, SM+MM, Keyup/Keydown
MIy-912MILOM3-MIy-xxx-z	12-fibre IP-MPO(y)-IP-MPO(y), 50/OM3, xxx m, pol z
MIy-912MILOS2-MIy-xxx-z	12-fibre IP-MPO/A(y)-IP-MPO/A(y), 9/OS2, xxx m, pol z

xxx = length:	*010=10 m, 100=100 m*
Y = gender:	M=male, F=female
z = polarity:	A or B for 12-fibre
MPO/A = APC;	
MPO = PC	

Example:

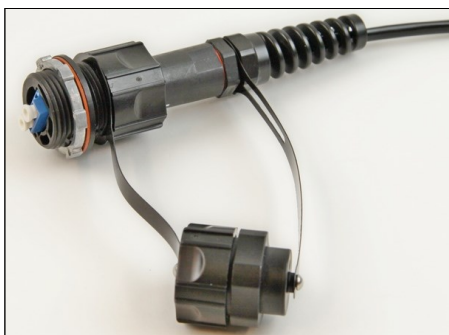|	
MIF-912MILOM3-MIM-010-A	12-fibre IP-MPO(F)-IP-MPO(M), 50/OM3, 10 m, pol A
MIM-912MILOS2-MIM-025-A	12-fibre IP-MPO/A(M)-IP-MPO/A(M), 9/OS2, 25 m, pol A

Gallery

IP-LC plug with dust cap

IP_LC bulkhead adapter with dust cap

Inline adapter with dust cap

IP-LC plug connected to adapter, the two dust caps also connected

Tactical cable with IP-MPO plug in both ends