



SW14 Series

Waterproof Bayonet Lock Connector with Built-in Standard LC Duplex Connector

MKT-E-14029F



◆ Features

1. IP68 waterproof* bayonet lock connector with LC duplex connectors
2. Compact size compared to competitive products and our conventional type
3. Excellent weather resistance with black chromium plating supports outdoor use. (Saltwater spray test: 1000 hours)
4. Bayonet Lock allows easy mating / unmating
5. Cable pull strength: 200 N or more
6. RoHS compliant

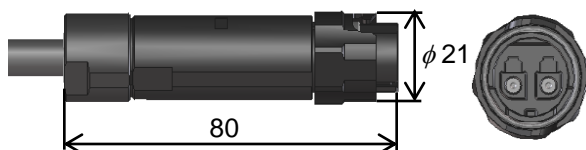
*Immersed in water for 1 min.
with internal air pressure 20 kPa.

◆ Dimensions

Plug

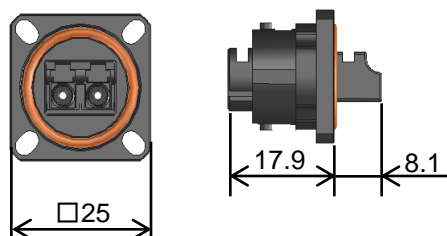
- SW14-P85-1 (ϕ 8.5mm)
- SW14-P95-1 (ϕ 9.5mm)

* ϕ 7.5 mm is also available upon request.

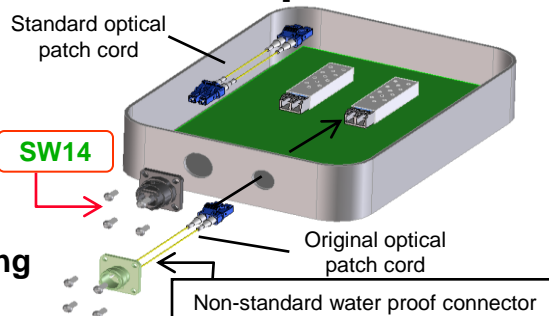


Receptacle

SW14-R-2



◆ Advantages Using Standard Optical Patch Cord



1. **Standard optical patch cord is applicable to internal wiring.**
In-house and overseas cable assembly are applicable.
2. **High cost performance in repair**
Replacing only the standard optical patch cord when the internal wiring side connector is damaged.
3. **Easy attachment to the chassis**
Attach the receptacle to the chassis then insert standard optical patch cord from back side.

◆ Specification

Parts	Plug		Receptacle	
	Material	Finish	Material	Finish
Outer housing	Zinc die-cast	Chrome plated	Zinc die-cast	Chrome plated
O ring / Sealing	Silicon Rubber	—	Silicon Rubber	—
Spring	Piano wire	Zinc plated	—	—
Other	Phosphor Bronze	Nickel plated	Brass	Nickel plated
	Zinc die-cast	Nickel plated	Zirconia	—
	Stainless steel	—	—	—

Operating Temperature	-40°C to +85°C
Insertion Loss	SM (1310nm: 0.4 dB or less) GI (1310nm: 0.3 dB or less)
Durability	200 times
Heat / Cold Resistance	85 °C / -40 °C, 240 hours (Supports JIS C 5961)
Temperature Cycle	-40 °C to 75 °C, 8 hours × 42 cycles, JIS C 5961 compliant
Water Proof	IP68 supported
Saltwater Spray	5 %, 35 °C, 1000 hours

Specifications herein are subject to change without notice. Contact Hirose for latest specifications, drawings, or availabilities.

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Issued: Jan. 28, 2015