

HRS

HR41A Series

IP68 Small Plastic Power Connector



Optimized for
Outdoor Use

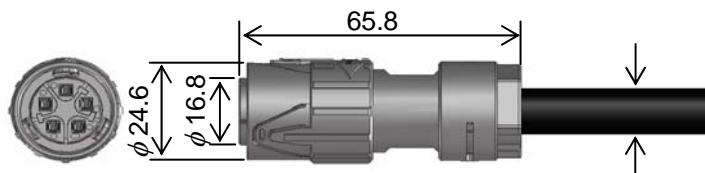
◆ Features

1. IP68* weather-resistant waterproof connector for outdoor use
2. Higher lightning surge protection (15 kV) and withstanding voltage
3. Snap-in mating with user-friendly push-on bayonet lock
4. Bayonet assembly eliminates torque management and re-tightening of screw
5. Easy field assembly
6. UL, TÜV pending

*Our test condition: No water intrusion, while submerged in 2 m water depth for 14 days in mated condition.

◆ Small Size

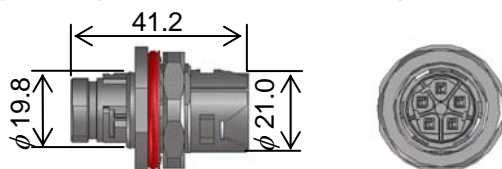
- Plug (HR41A-17WBP-5SC)



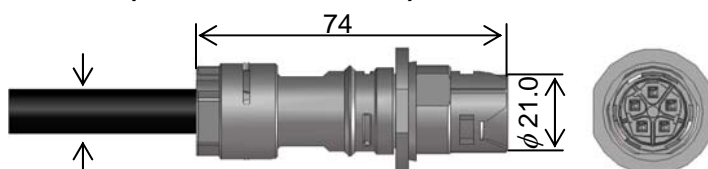
Cable Size: ϕ 10.7 to 11.5
 ϕ 9.0 to 9.8 (Under development)
 ϕ 8.2 to 9.0 (Under development)

Component	Material	Finish / Remarks
Housing	PBT	UL94V-0, Black
Contact	Phosphor Bronze	Gold Plating
Clamp	Polyamide Resin	UL94V-0, White
O-ring, Gasket	Silicone Rubber	-
Washer	Stainless Steel	-

- Receptacle (HR41A-17WBRA-5PC)



- Jack (HR41A-17WBJ-5PC)



Cable Size: Same as plug

Rated Voltage	AC 250V, DC 350V
Rated Current	10 Amps
Operating Temperature	-40°C to +105°C
Contact Resistance	5m Ω Max. (1A)
Insulation Resistance	5000M Ω Min. (DC500V)
Withstanding Voltage	AC 2200V, 1 minute
Durability	500 times
Water Resistance	IP68 (Our test condition: No water intrusion, while submerged in 2 m water depth for 14 days in mated condition.)

- Crimping Tool

Part No.: HT802/HR41A-11-16(AWG#16)

HT802/HR41A-11-18(AWG#18)

HT802/HR41A-11-20(AWG#20)

- Contact Extraction Tool

Part No.: HR41A-TP

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