



Features

- 1 Coaxial/power/signal hybrid suitable for video applications
- 2 Contributes to decreasing equipment size & workload reduction
- 3 Push & pull lock enables superior usability
- 4 High speed transmission capability (Supports 3G/HD/SD-SDI transmission)

Coaxial/Power/Signal Hybrid Connector

By assembling a coaxial connector into our signal connector the HR10A Series, Hirose has developed a hybrid connector with 1 coaxial contact, 2 power contacts and 10 signal contacts.



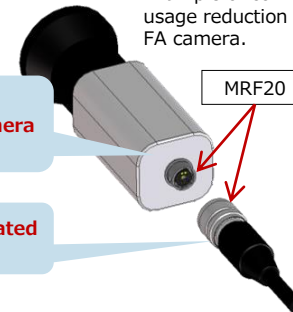
Advantage of Hybrid Connector

1. Space-Saving

Hybrid connector saves space on the FA camera interface.

Required cables are integrated into a single cable.

Example of connector usage reduction for FA camera.



2. One-Step Mating

Integrating multiple connectors into one enables a one-step mating operation for reduced work time. The push & pull lock also enables unmatched operability.

3. High Speed

Supports 3G/HD/SD-SDI (75Ω coaxial transmission, 3Gbps) transmission.

Specifications

| | |
|-----------------------|---|
| Rated Current | Power: 2A Signal: 1A |
| Rated Voltage | 30V AC / 42V DC |
| Operating Temperature | -25 to +85°C |
| Contact Resistance | Power: 10mΩ Max. Signal: 30mΩ Max. Coaxial Center Contact: 30mΩ Max. Coaxial Outer Conductor: 15mΩ |
| Withstanding Voltage | 100V AC for 1 min. |
| Insulation Resistance | 1000MΩ Min. (100V DC) |
| Mating Durability | 1000 times |

- RoHS2 Compliant

- Variations:

Coaxial 1pos. (Coaxial 1pos. + Power 2pos. + Signal 10pos.)

Coaxial 4pos. (Coaxial 4pos. + Signal 16pos.)