FLYER

MRF20 Series

Coaxial/Power/Signal Hybrid Connector

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RF | 75Ω | Power / Signal / RF

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**

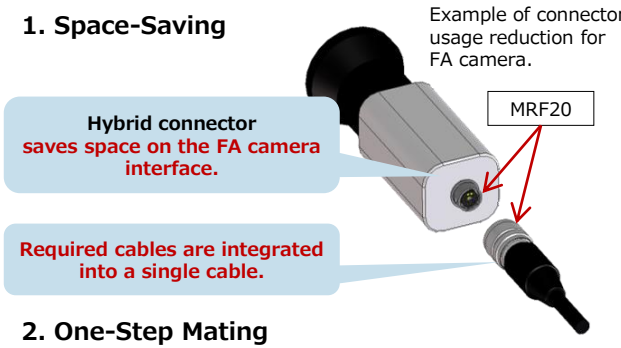
4 **High speed transmission capability (Supports 3G/HD/SD-SDI transmission)**

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



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 +85ºC
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.)

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