



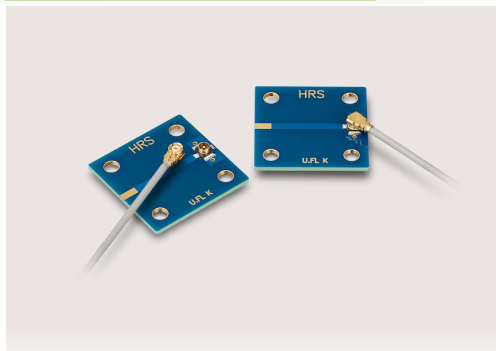
RF



Click Feeling



Corrosion Prevention

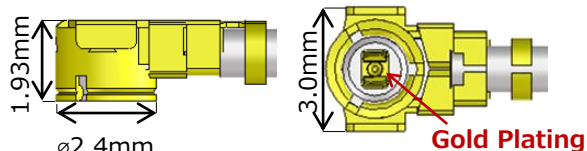


## Features

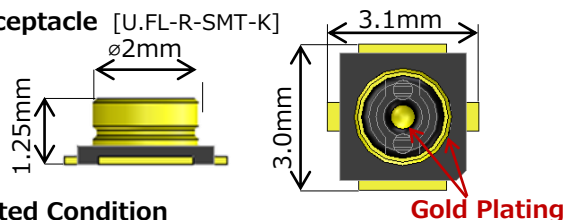
- 1 Low profile RF connector  
(Mated height : 2.5mm Max.)
- 2 Gold plating for corrosion resistance
- 3 Clear tactile click improves operability
- 4 Improved peeling strength using 4 ground contacts
- 5 Excellent high frequency performance  
- V.S.W.R. : 1.6 Max. (DC to 8GHz)
- 6 Pick & place mounting
- 7 Suitable for automotive applications  
such as AVN, Telematics, Camera module, Antenna etc.

## Dimensions

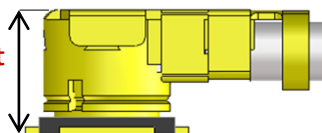
Plug [Double Ended Harness : UFL-2LPK-066H1-AC100]



Receptacle [U.FL-R-SMT-K]



Mated Condition

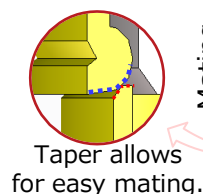
Mated Height  
2.5mm Max.

Алматы (7273)495-231  
Ангарск (3955)60-70-56  
Архангельск (8182)63-90-72  
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Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
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Брянск (4832)59-03-52  
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Владимир (4922)49-43-18  
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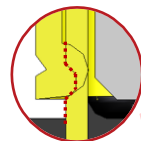
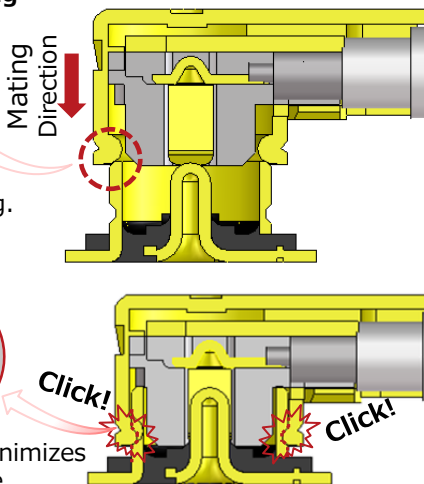
Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
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Казань (843)206-01-48  
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Коломна (4966)23-41-49  
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Липецк (4742)52-20-81

## Clear Tactile Click

Before Mating

Taper allows  
for easy mating.

Mated

Clear tactile click minimizes  
mating failure.

## Specifications

|                          |                                                        |
|--------------------------|--------------------------------------------------------|
| Characteristic Impedance | 50Ω                                                    |
| Operating Temperature    | -40 to +90℃                                            |
| Contact Resistance       | Center: 20mΩ Max.,<br>Outer: 10mΩ Max.<br>(at 10mA AC) |
| Withstanding Voltage     | 200V AC for 1 min.                                     |
| Insulation Resistance    | 500MΩ Min. (100V DC)                                   |
| Mating Durability        | 30 times                                               |

- Applicable cable:  $\phi 1.32\text{mm}$ 

- RoHS compliant, Halogen-free product\*

\*This product satisfies halogen free requirements defined as 900ppm maximum chlorine, 900ppm maximum bromine, and 1,500ppm maximum total of chlorine and bromine.

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Ярославль (4852)69-52-93



## 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.



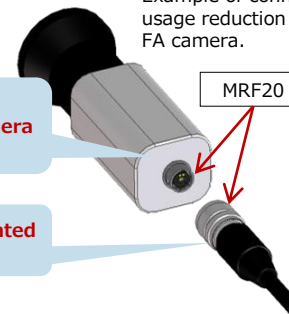
## Advantage of Hybrid Connector

### 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<br>Signal: 1A                                                                                     |
| Rated Voltage         | 30V AC / 42V DC                                                                                             |
| Operating Temperature | -25 to +85°C                                                                                                |
| Contact Resistance    | Power: 10mΩ Max.<br>Signal: 30mΩ Max.<br>Coaxial Center Contact: 30mΩ Max.<br>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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