

## ❖ 12P-02S / 6P-02S Power Cables



- *2-meter cables with flying leads*
- *12-pin or 6-pin Hirose connectors wired for mating to JAI cameras*
- *Pin-out on 6-pin designed for Go Series cameras*
- *12-pin cable compatible with most other JAI camera models*
- *Allows connections to external triggers or other I/O signals*
- *Power wires can be connected to JAI or third-party power supplies with flying leads*

# 12P-02S / 6P-02S Power Cables

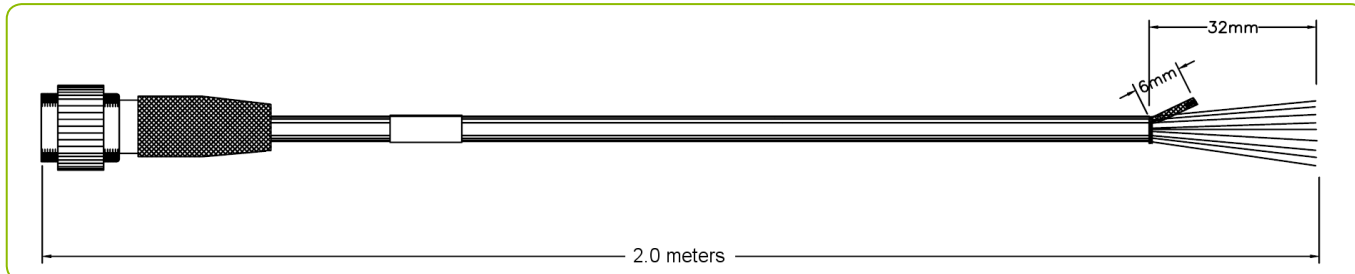
## Description

The 12P-02S and 6P-02S cables enable power to be supplied via two of the Hirose pins, while the remaining wires/pins can be utilized to access various I/O functions of JAI cameras. The 6P-02S features a 6-pin Hirose female connector wired to match the pin-out of Go Series cameras, while the 12P-02S has a 12-pin Hirose female connector that matches the pin-out of most other JAI cameras.

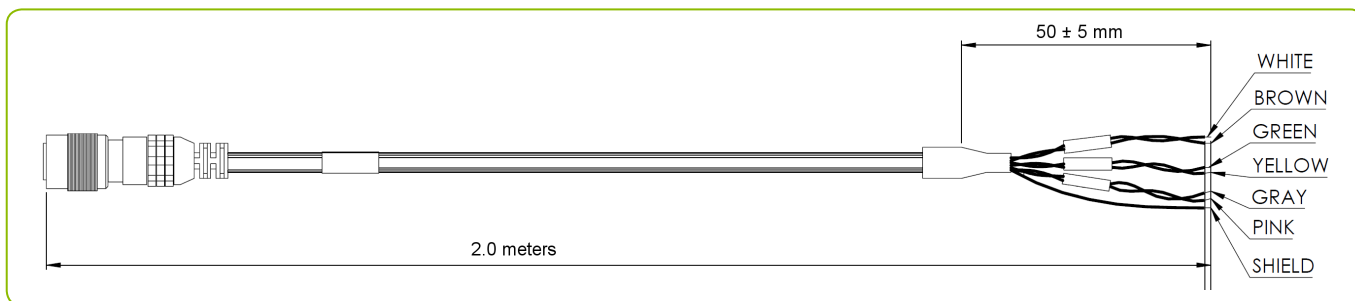
(See individual camera datasheets/manuals for functions accessible through the Hirose connectors).

The cables can be used with JAI's own "flying leads" power supplies, or with third-party or custom power supply systems.

## 12P-02S Dimensions



## 6P-02S Dimensions



## 12P-02S Wire Assignments



HIROSE HR10A-10P-12S

### Wire Assignment Chart

Connector Pin	Conductor	Signal
1	Gray	GND
2	Yellow	+12 to +24V DC
3	Red Shield	I/O*
4	Red Coax	I/O*
5	Orange Shield	I/O*
6	Orange Coax	I/O*
7	Black Coax	I/O*
8	White Shield	I/O*
9	White Coax	I/O*
10	Brown	I/O*
11	Blue	Power*
12	Black Shield	GND*

\*See individual camera datasheets/manuals for functions accessible through the Hirose connector

## 6P-02S Wire Assignments



HIROSE HR10A-7P-6S

### Wire Assignment Chart

Connector Pin	Conductor	Signal
1	White	+12 to +24V DC
2	Green	Opto In 1
3	Gray	Opto Out 1
4	Pink	Opto Out 2
5	Yellow	Opto Common
6	Brown	GND
	Shield	Braid
		Shield

\*See Go Series camera datasheets/manuals for functions accessible through the Hirose connector

## Ordering Information

12P-02S	2-meter power cable for use with PD-12UU or PD-12UE
6P-02S	2-meter power cable for use with PD-6UU-GO

Europe, Middle East & Africa  
Phone +45 4457 8888  
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