

# CBGPI06PMF-3M | DATASHEET

## 6 Pin Hirose Male - Female moulded connector cable, 3 m



Opto Engineering® provides various kinds of cables to match our offer of illuminators, optics, cameras and accessories.

All the cables we offer meet industrial standards of robustness and durability.



### SPECIFICATIONS

#### Electrical specifications

|                           |                                 |     |
|---------------------------|---------------------------------|-----|
| Type                      | I/O                             |     |
| Number of poles           | 6                               |     |
| Conductor cross section   | (AWG)                           | 26  |
| Cable diameter            | (mm)                            | 4.9 |
| Cable length              | (m)                             | 3   |
| Cable insulation material | PVC                             |     |
| Shield                    | Yes                             |     |
| Bending cycles            | (cycles)                        | -   |
| Minimum bending radius    | (mm)                            | -   |
| Side 1                    | Circular Hirose - 6pin - male   |     |
| Side 2                    | Circular Hirose - 6pin - female |     |
| Other                     | -                               |     |
| Voltage rating            | (VDC)                           | 24  |
| Current rating            | (A)                             | 2   |

#### Environment

|                       |      |         |
|-----------------------|------|---------|
| Operating temperature | (°C) | -10-+80 |
|-----------------------|------|---------|

### COMPATIBLE PRODUCTS

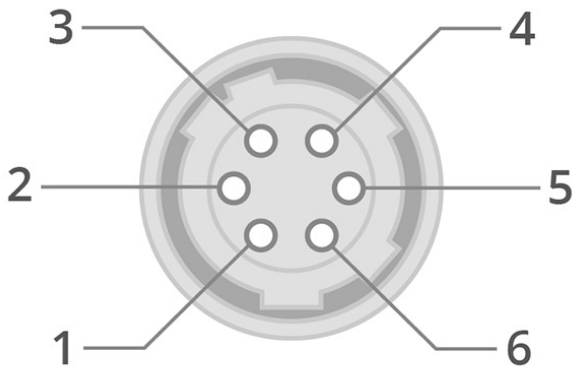
Full list of compatible products available [here](#).



A wide selection of innovative machine vision components.

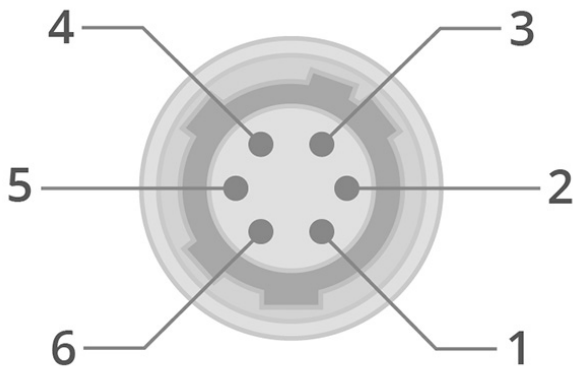
All product specifications and data are subject to change without notice to improve reliability, functionality, design or other. Photos and pictures are for illustration purposes only. Data are reported by design, actual lens performance may vary due to manufacturing tolerances.

CONNECTOR PINOUT



Female side

| Pin | Description           |
|-----|-----------------------|
| 1   | Max control current + |
| 2   | Max control current - |
| 3   | GND                   |
| 4   | Power                 |
| 5   | I <sup>2</sup> C SCL  |
| 6   | I <sup>2</sup> C SDA  |



Male side

| Pin | Description           |
|-----|-----------------------|
| 1   | Max control current + |
| 2   | Max control current - |
| 3   | GND                   |
| 4   | Power                 |
| 5   | I <sup>2</sup> C SCL  |
| 6   | I <sup>2</sup> C SDA  |

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