

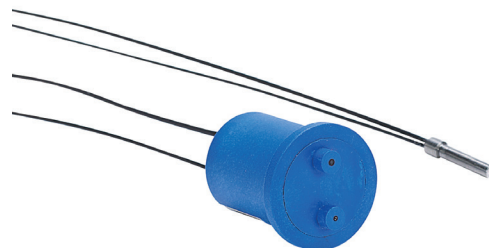
# OPT Series Color Sensors Cable

## Plastic Fiber Optic Cable

### OPT2075 Diffuse Reflex Mode

- Compatible with the [OPT2022](#) 6-channel sensor
- Designed for installation in tight spaces
- IP68

| OPT2075 Specifications                  |                            |
|-----------------------------------------|----------------------------|
| <b>Part Number</b>                      | <a href="#">OPT2075</a>    |
| <b>Price</b>                            | Retired                    |
| <b>Drawing Link</b>                     | <a href="#">PDF</a>        |
| <b>Optical Fiber Core Ø</b>             | 0.5 mm                     |
| <b>Sensing Distance with OPT series</b> | 10mm                       |
| <b>Fiber Length (L)</b>                 | 1m                         |
| <b>Fiber Bending Radius</b>             | 15mm                       |
| <b>Spot Diameter</b>                    | 0.5 to 2 mm                |
| <b>Temperature Range</b>                | -40 to 85°C [-40 to 185°F] |
| <b>Fiber Materials</b>                  | PMMA                       |
| <b>Sleeve Materials</b>                 | PE (black)                 |
| <b>Head Materials</b>                   | Stainless steel            |
| <b>Jacket Diameter</b>                  | 1.3 mm                     |
| <b>Fiber Distribution</b>               | Coaxial arrangement        |
| <b>Opening Angle</b>                    | 55°                        |
| <b>Light Emission</b>                   | Straight                   |



# OPT Series Color Sensors Cable

## Glass Fiber Optic Cable

### OPT2087 Through-Beam Mode

#### OPT2087 Specifications

|                                         |                            |
|-----------------------------------------|----------------------------|
| <b>Part Number</b>                      | OPT2087                    |
| <b>Price</b>                            | Retired                    |
| <b>Drawing Link</b>                     | <a href="#">PDF</a>        |
| <b>Optical Fiber Core Ø</b>             | 3mm                        |
| <b>Sensing Distance with OPT series</b> | 600mm                      |
| <b>Fiber Length (L)</b>                 | 1m                         |
| <b>Fiber Bending Radius</b>             | 50mm                       |
| <b>Free Cut</b>                         | No                         |
| <b>Head Size</b>                        | M18                        |
| <b>Temperature Range</b>                | 0 to 60°C [32 to 140°F]    |
| <b>Fiber Materials</b>                  | Glass                      |
| <b>Sleeve Materials</b>                 | Brass (CuZn) nickel-plated |
| <b>Head Materials</b>                   | Anodized aluminum          |
| <b>Fiber Diameter</b>                   | 3mm                        |
| <b>Fiber Distribution</b>               | Statistical mixture        |
| <b>Opening Angle</b>                    | 30°                        |



# OPT Series Color Sensors Cable

## Glass Fiber Optic Cable

### OPT2088 Diffuse (Reflex) Mode

| OPT2088 Specifications           |                            |
|----------------------------------|----------------------------|
| Part Number                      | <a href="#">OPT2088</a>    |
| Price                            | Retired                    |
| Drawing Link                     | <a href="#">PDF</a>        |
| Optical Fiber Core Ø             | 3mm                        |
| Sensing Distance with OPT series | 100mm                      |
| Fiber Length (L)                 | 1m                         |
| Fiber Bending Radius             | 50mm                       |
| Free Cut                         | No                         |
| Head Size                        | M30                        |
| Temperature Range                | 0 to 60°C [32 to 140°F]    |
| Fiber Materials                  | Glass                      |
| Sleeve Materials                 | Brass (CuZn) nickel-plated |
| Head Materials                   | Anodized aluminum          |
| Fiber Diameter                   | 3mm                        |
| Fiber Distribution               | Statistical mixture        |



### OPT2089 Diffuse (Reflex) Mode

| OPT2089 Specifications           |                            |
|----------------------------------|----------------------------|
| Part Number                      | <a href="#">OPT2089</a>    |
| Price                            | Retired                    |
| Drawing Link                     | <a href="#">PDF</a>        |
| Optical Fiber Core Ø             | 1.6 mm                     |
| Sensing Distance with OPT series | 18mm                       |
| Fiber Length (L)                 | 1m                         |
| Fiber Bending Radius             | 50mm                       |
| Free Cut                         | No                         |
| Head Size                        | M18                        |
| Temperature Range                | 0 to 60°C [32 to 140°F]    |
| Fiber Materials                  | Glass                      |
| Sleeve Materials                 | Brass (CuZn) nickel-plated |
| Head Materials                   | Anodized aluminum          |
| Fiber Diameter                   | 1.6 mm                     |
| Fiber Distribution               | Statistical mixture        |

