

# Cuttable Fiber Optic Cable

## OPT2050 Diffuse Reflex Mode

### OPT2050 Specifications

<b>Part Number</b>	OPT2050
<b>Price</b>	\$48.00
<b>Drawing Link</b>	<a href="#">PDF</a>
<b>Optical Fiber Core Ø</b>	0.5 mm
<b>Sensing Distance with OPT series</b>	60mm
<b>Fiber Length (L)</b>	2m
<b>Fiber Bending Radius</b>	15mm
<b>Free Cut</b>	Yes
<b>Head Size</b>	M3
<b>Thread Pitch</b>	0.5
<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>Fiber Distribution</b>	Parallel arrangement
<b>Opening Angle</b>	55 degrees
<b>Diameter Jacket</b>	1mm
<b>Light Emission</b>	Straight



# Cuttable Fiber Optic Cable

## [OPT2052 Diffuse \(Reflex\) Mode](#)

OPT2052 Specifications	
<b>Part Number</b>	OPT2052
<b>Price</b>	\$60.00
<b>Drawing Link</b>	<a href="#">PDF</a>
<b>Optical Fiber Core Ø</b>	0.5 mm
<b>Sensing Distance with OPT series</b>	60mm
<b>Fiber Length (L)</b>	2m
<b>Fiber Bending Radius</b>	15mm
<b>Free Cut</b>	Yes
<b>Head Size</b>	3mm
<b>Thread Pitch</b>	NA
<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>Fiber Distribution</b>	Coaxial arrangement
<b>Opening Angle</b>	55 degrees
<b>Diameter Jacket</b>	1.3 mm
<b>Light Emission</b>	Straight



## [OPT2053 Diffuse \(Reflex\) Mode](#)

OPT2053 Specifications	
<b>Part Number</b>	OPT2053
<b>Price</b>	\$60.00
<b>Drawing Link</b>	<a href="#">PDF</a>
<b>Optical Fiber Core Ø</b>	0.5 mm
<b>Sensing Distance with OPT series</b>	60mm
<b>Fiber Length (L)</b>	2m
<b>Fiber Bending Radius</b>	15mm
<b>Free Cut</b>	Yes
<b>Head Size</b>	M3
<b>Thread Pitch</b>	0.5
<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>Fiber Distribution</b>	Coaxial arrangement
<b>Opening Angle</b>	55 degrees
<b>Diameter Jacket</b>	1.3 mm
<b>Light Emission</b>	Straight



# Cuttable Fiber Optic Cable

## OPT2054 Diffuse (Reflex) Mode

OPT2054 Specifications	
Part Number	<a href="#">OPT2054</a>
Price	\$48.00
Drawing Link	<a href="#">PDF</a>
Optical Fiber Core Ø	1mm
Sensing Distance with OPT series	160mm
Fiber Length (L)	2m
Fiber Bending Radius	30mm
Free Cut	Yes
Head Size	M6
Thread Pitch	0.75
Temperature Range	-40 to 85°C [-40 to 185°F]
Fiber Materials	PMMA
Sleeve Materials	PE (black)
Head Materials	Nickel-plated brass
Fiber Distribution	Parallel arrangement
Opening Angle	55 degrees
Diameter Jacket	2.2 mm
Light Emission	Straight



## OPT2055 Diffuse (Reflex) Mode

OPT2055 Specifications	
Part Number	<a href="#">OPT2055</a>
Price	\$98.00
Drawing Link	<a href="#">PDF</a>
Optical Fiber Core Ø	1mm
Sensing Distance with OPT series	60mm
Fiber Length (L)	2m
Fiber Bending Radius	30mm
Free Cut	Yes
Head Size	M6
Thread Pitch	0.75
Temperature Range	-40 to 85°C [-40 to 185°F]
Fiber Materials	PMMA
Sleeve Materials	PE (black)
Head Materials	Nickel-plated brass
Fiber Distribution	Parallel arrangement
Opening Angle	55 degrees
Diameter Jacket	2.2 mm
Light Emission	Straight



\* 2000.0 mm maximum extended coil length.

# Cuttable Fiber Optic Cable

## [OPT2056 Diffuse \(Reflex\) Mode](#)

OPT2056 Specifications	
<b>Part Number</b>	<a href="#">OPT2056</a>
<b>Price</b>	\$55.00
<b>Drawing Link</b>	<a href="#">PDF</a>
<b>Optical Fiber Core Ø</b>	1mm
<b>Sensing Distance with OPT series</b>	160mm
<b>Fiber Length (L)</b>	2m
<b>Fiber Bending Radius</b>	30mm
<b>Free Cut</b>	Yes
<b>Head Size</b>	M6
<b>Thread Pitch</b>	0.75
<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>Fiber Distribution</b>	Parallel arrangement
<b>Opening Angle</b>	55 degrees
<b>Diameter Jacket</b>	2.2 mm
<b>Light Emission</b>	Straight
<b>Flexible Endpot</b>	Yes



Flexible endpot is not for continuous flexing applications.

# Cuttable Fiber Optic Cable

## [OPT2059 Diffuse \(Reflex\) Mode](#)

OPT2059 Specifications	
<b>Part Number</b>	<a href="#">OPT2059</a>
<b>Price</b>	\$122.00
<b>Drawing Link</b>	<a href="#">PDF</a>
<b>Optical Fiber Core Ø</b>	1mm
<b>Sensing Distance with OPT series</b>	160mm
<b>Fiber Length (L)</b>	2m
<b>Fiber Bending Radius</b>	20mm
<b>Free Cut</b>	Yes
<b>Head Size</b>	12mm flat
<b>Thread Pitch</b>	NA
<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>	Aluminum
<b>Fiber Distribution</b>	Parallel arrangement
<b>Opening Angle</b>	55 degrees
<b>Diameter Jacket</b>	2.2 mm
<b>Light Emission</b>	Straight



# Cuttable Fiber Optic Cable

## [OPT2060 Diffuse \(Reflex\) Mode](#)

OPT2060 Specifications	
Part Number	<a href="#">OPT2060</a>
Price	\$122.00
Drawing Link	<a href="#">PDF</a>
Optical Fiber Core Ø	1mm
Sensing Distance with OPT series	50mm
Fiber Length (L)	2m
Fiber Bending Radius	20mm
Free Cut	Yes
Head Size	12mm flat
Thread Pitch	NA
Temperature Range	-40 to 85°C [-40 to 185°F]
Fiber Materials	PMMA
Sleeve Materials	PE (black)
Head Materials	Aluminum
Fiber Distribution	Parallel arrangement
Opening Angle	55 degrees
Diameter Jacket	2.2 mm
Light Emission	Sidewise



## [OPT2061 Diffuse \(Reflex\) Mode](#)

OPT2061 Specifications	
Part Number	<a href="#">OPT2061</a>
Price	\$122.00
Drawing Link	<a href="#">PDF</a>
Optical Fiber Core Ø	1mm
Sensing Distance with OPT series	70mm
Fiber Length (L)	2m
Fiber Bending Radius	50mm
Free Cut	Yes
Head Size	M4
Thread Pitch	0.7
Temperature Range	-40 to 85°C [-40 to 185°F]
Fiber Materials	PMMA
Sleeve Materials	PE (black)
Head Materials	Stainless steel
Fiber Distribution	Parallel arrangement
Opening Angle	55 degrees
Diameter Jacket	2.2 mm
Light Emission	Sidewise



# Cuttable Fiber Optic Cable

## [OPT2062 Diffuse \(Reflex\) Mode](#)

OPT2062 Specifications	
<b>Part Number</b>	<a href="#">OPT2062</a>
<b>Price</b>	\$122.00
<b>Drawing Link</b>	<a href="#">PDF</a>
<b>Optical Fiber Core Ø</b>	1mm
<b>Sensing Distance with OPT series</b>	50mm
<b>Fiber Length (L)</b>	2m
<b>Fiber Bending Radius</b>	20mm
<b>Free Cut</b>	Yes
<b>Head Size</b>	5mm
<b>Thread Pitch</b>	NA
<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>Fiber Distribution</b>	Parallel arrangement
<b>Opening Angle</b>	55 degrees
<b>Diameter Jacket</b>	2.2 mm
<b>Light Emission</b>	Sidewise



## [OPT2063 Diffuse \(Reflex\) Mode](#)

OPT2063 Specifications	
<b>Part Number</b>	<a href="#">OPT2063</a>
<b>Price</b>	\$122.00
<b>Drawing Link</b>	<a href="#">PDF</a>
<b>Optical Fiber Core Ø</b>	1mm
<b>Sensing Distance with OPT series</b>	90mm
<b>Fiber Length (L)</b>	2m
<b>Fiber Bending Radius</b>	20mm
<b>Free Cut</b>	Yes
<b>Head Size</b>	M6
<b>Thread Pitch</b>	0.75
<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>	Nickel-plated brass
<b>Fiber Distribution</b>	Parallel arrangement
<b>Opening Angle</b>	55 degrees
<b>Diameter Jacket</b>	2.2 mm
<b>Light Emission</b>	Straight



# Cuttable Fiber Optic Cable

## [OPT2064 Through-Beam Mode](#)

OPT2064 Specifications	
Part Number	<a href="#">OPT2064</a>
Price	\$56.00
Drawing Link	<a href="#">PDF</a>
Optical Fiber Core Ø	0.5 mm
Sensing Distance with OPT series	160mm
Fiber Length (L)	2m
Fiber Bending Radius	15mm
Free Cut	Yes
Head Size	M3
Thread Pitch	0.5
Temperature Range	-40 to 85°C [-40 to 185°F]
Fiber Materials	PMMA
Sleeve Materials	PE (black)
Head Materials	Stainless steel
Fiber Distribution	Parallel arrangement
Opening Angle	55 degrees
Diameter Jacket	1mm
Light Emission	Straight



## [OPT2065 Through-Beam Mode](#)

OPT2065 Specifications	
Part Number	<a href="#">OPT2065</a>
Price	\$48.00
Drawing Link	<a href="#">PDF</a>
Optical Fiber Core Ø	1mm
Sensing Distance with OPT series	400mm
Fiber Length (L)	2m
Fiber Bending Radius	30mm
Free Cut	Yes
Head Size	M3
Thread Pitch	0.5
Temperature Range	-40 to 85°C [-40 to 185°F]
Fiber Materials	PMMA
Sleeve Materials	PE (black)
Head Materials	Nickel-plated brass
Fiber Distribution	Parallel arrangement
Opening Angle	55 degrees
Diameter Jacket	2.2 mm
Light Emission	Straight



\* Packaging includes two of the above



# Cuttable Fiber Optic Cable

## OPT2070 Through-Beam Mode

OPT2070 Specifications	
Part Number	<a href="#">OPT2070</a>
Price	\$122.00
Drawing Link	<a href="#">PDF</a>
Optical Fiber Core Ø	1mm
Sensing Distance with OPT series	200mm
Fiber Length (L)	2m
Fiber Bending Radius	20mm
Free Cut	Yes
Head Size	NA
Thread Pitch	NA
Temperature Range	-40 to 85°C [-40 to 185°F]
Fiber Materials	PMMA
Sleeve Materials	PE (black)
Head Materials	Aluminum
Fiber Distribution	Parallel arrangement
Opening Angle	55 degrees
Diameter Jacket	2.2 mm
Light Emission	Sidewise



\* Packaging includes two of the above.

## OPT2071 Through-Beam Mode

OPT2071 Specifications	
Part Number	<a href="#">OPT2071</a>
Price	\$122.00
Drawing Link	<a href="#">PDF</a>
Optical Fiber Core Ø	1mm
Sensing Distance with OPT series	250mm
Fiber Length (L)	2m
Fiber Bending Radius	2mm
Free Cut	Yes
Head Size	M4
Thread Pitch	0.7
Temperature Range	-40 to 85°C [-40 to 185°F]
Fiber Materials	PMMA
Sleeve Materials	PE (black)
Head Materials	Stainless steel
Fiber Distribution	Parallel arrangement
Opening Angle	55 degrees
Diameter Jacket	2.2 mm
Light Emission	Sidewise



\* Packaging includes two of the above.

# Cuttable Fiber Optic Cable

## OPT2074 Through-Beam Mode

OPT2074 Specifications	
<b>Part Number</b>	OPT2074
<b>Price</b>	\$41.00
<b>Drawing Link</b>	PDF
<b>Optical Fiber Core Ø</b>	1mm
<b>Sensing Distance with OPT series</b>	350mm
<b>Fiber Length (L)</b>	2m
<b>Fiber Bending Radius</b>	20mm
<b>Free Cut</b>	Yes
<b>Head Size</b>	M4
<b>Thread Pitch</b>	0.7
<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>Fiber Distribution</b>	Parallel arrangement
<b>Opening Angle</b>	55 degrees
<b>Diameter Jacket</b>	2.2 mm
<b>Light Emission</b>	Straight

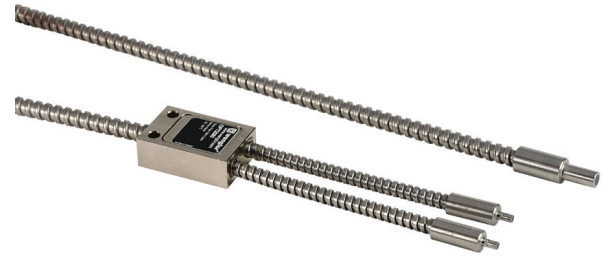


\* Packaging includes two of the above.

# Glass Fiber Optic Cable

## [OPT2080 Diffuse \(Reflex\) Mode](#)

OPT2080 Specifications	
<b>Part Number</b>	<a href="#">OPT2080</a>
<b>Price</b>	\$161.00
<b>Drawing Link</b>	<a href="#">PDF</a>
<b>Optical Fiber Core Ø</b>	1.6 mm
<b>Sensing Distance with OPT series</b>	160mm
<b>Fiber Length (L)</b>	1m
<b>Fiber Bending Radius</b>	60mm
<b>Free Cut</b>	No
<b>Head Size</b>	5mm
<b>Thread Pitch</b>	NA
<b>Temperature Range</b>	-25 to 180°C [-13 to 365°F]
<b>Fiber Materials</b>	Glass
<b>Sleeve Materials</b>	Stainless steel
<b>Head Materials</b>	Stainless steel
<b>Fiber Diameter</b>	50µm
<b>Fiber Distribution</b>	Statistic mixture
<b>Opening Angle</b>	68 degrees
<b>Light Emission</b>	Straight



# Glass Fiber Optic Cable

## OPT2082 Diffuse (Reflex) Mode

OPT2082 Specifications	
<b>Part Number</b>	<a href="#">OPT2082</a>
<b>Price</b>	\$149.00
<b>Drawing Link</b>	<a href="#">PDF</a>
<b>Optical Fiber Core Ø</b>	1.6 mm
<b>Sensing Distance with OPT series</b>	160mm
<b>Fiber Length (L)</b>	1m
<b>Fiber Bending Radius</b>	50mm
<b>Free Cut</b>	No
<b>Head Size</b>	M6
<b>Thread Pitch</b>	1.0
<b>Temperature Range</b>	-25 to 180°C [-13 to 356°F]
<b>Fiber Materials</b>	Glass
<b>Sleeve Materials</b>	Nickel-plated brass
<b>Head Materials</b>	Aluminum
<b>Fiber Diameter</b>	50µm
<b>Fiber Distribution</b>	Separated bundles
<b>Opening Angle</b>	68 degrees
<b>Light Emission</b>	Straight



# Glass Fiber Optic Cable

## OPT2086 Through-Beam Mode

OPT2086 Specifications	
<b>Part Number</b>	OPT2086
<b>Price</b>	\$142.00
<b>Drawing Link</b>	<a href="#">PDF</a>
<b>Optical Fiber Core Ø</b>	1.6 mm
<b>Sensing Distance with OPT series</b>	480mm
<b>Fiber Length (L)</b>	1m
<b>Fiber Bending Radius</b>	45mm
<b>Free Cut</b>	No
<b>Head Size</b>	M5
<b>Thread Pitch</b>	0.8
<b>Temperature Range</b>	-25 to 180°C [-13 to 365°F]
<b>Fiber Materials</b>	Glass
<b>Sleeve Materials</b>	Nickel-plated brass
<b>Head Materials</b>	Aluminum
<b>Fiber Diameter</b>	50µm
<b>Fiber Distribution</b>	Parallel arrangement
<b>Opening Angle</b>	68 degrees
<b>Light Emission</b>	Straight



\* Packaging includes two of the above.