

Fibre-optic cables – accessories

Everything needed for using fibre-optic cable systems



From products “by the metre” to ancillary lenses – SensoPart offers all the accessories necessary for the use of fibre-optic sensors. The comprehensive range also includes a special combination tool with which the sensitive fibre-optic cables can be shortened and bent with almost no performance loss.

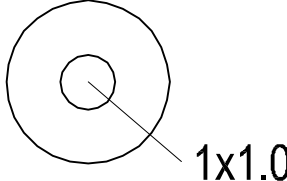
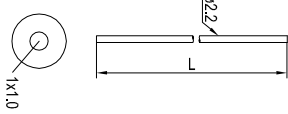
TYPICAL SENSOPART FIBRE-OPTIC CABLES

- Ancillary lenses for expanding the range of standard fibre-optic cables
- Deflection head for restricted spaces
- Connection adapter for all conventional fibre-optic sensors
- Precise shortening and bending of fibre-optic cables with almost no performance loss

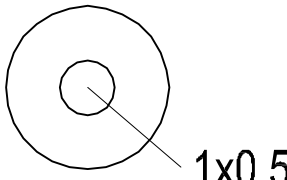
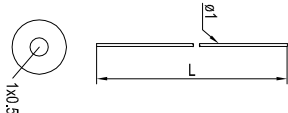
Fibre-optic cables – Accessories – Product overview	
	Page
Metre goods	626
Adapters	627
Ancillary lenses	628
Cutting tool	629

Fibre-optic cables – accessories

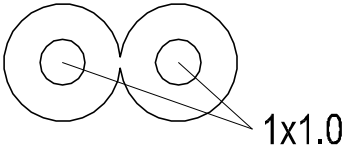
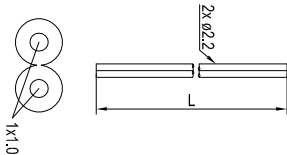
Metre goods

K2L 1,0 POF simplex fibre-optic cable				Highlights		
				<ul style="list-style-type: none"> • Simplex plastic fibre-optic cable • Fibre length individually cuttable 		
Core fibre Ø (mm)	Fibre material	External diameter (mm)	Sheath material	Numerical aperture	Damping at 650 nm (dB/km)	Fibre bending radius (mm)
1 × 1.0	PMMA	2.2	Polyethylene (PE)	0.5	≤ 150	25


Part number	Article number
K2L 1,0 POF simplex	978-51680

K2L 0,5 POF simplex fibre-optic cable				Highlights		
				<ul style="list-style-type: none"> • Simplex plastic fibre-optic cable • Fibre length individually cuttable 		
Core fibre Ø (mm)	Fibre material	External diameter (mm)	Sheath material	Numerical aperture	Damping at 650 nm (dB/km)	Fibre bending radius (mm)
1 × 0.5	PMMA	1.0	Polyethylene (PE)	0.5	≤ 180	15


Part number	Article number
K2L 0,5 simplex	978-51688

K2R 1,0 POF duplex fibre-optic cable				Highlights		
				<ul style="list-style-type: none"> • Duplex plastic fibre-optic cable • Fibre length individually cuttable 		
Core fibre Ø (mm)	Fibre material	External diameter (mm)	Sheath material	Numerical aperture	Damping at 650 nm (dB/km)	Fibre bending radius (mm)
2 x 1.0	PMMA	2 x 2.0	Polyethylene (PE)	0.46	≤ 150	25

Part number	Article number
K2R 1.0 POF duplex	979-51694

LMS 1,0-S2,2	Highlights
	<ul style="list-style-type: none"> • Connection adapter (1.0 / 2.2 mm) for connecting fibres with external diameter of 1.0 mm to FL 20/FL 70 sensors


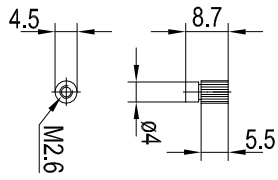
Part number	Article number
LMS1,0-S2,2	724-01000

LMS 1,3-S2,2	Highlights
	<ul style="list-style-type: none"> • Connection adapter (1.3 / 2.2 mm) for connecting fibres with external diameter of 1.3 mm to FL 20/FL 70 sensors


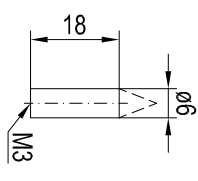
Part number	Article number
LMS1,3-S2,2	724-01001

Fibre-optic cables – accessories


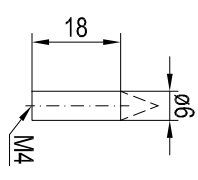
Ancillary lenses

33 LVL 2,2		Highlights
	 <p>153-00077</p>	<ul style="list-style-type: none"> Ancillary lens for plastic fibres (pair) For increasing the range of photoelectric sensors and reducing the aperture angle Suitable for fibres with an external diameter of 2.2 mm or M2.6 sleeve Right-angle light exit

Part number	Article number
33 LVL 2,2	722-50775


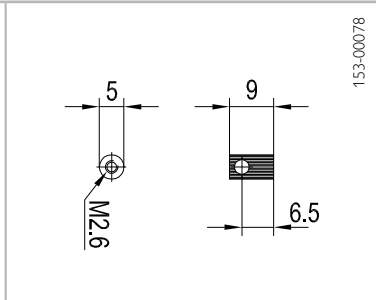
LVLF6-M3		Highlights
	 <p>153-00617</p>	<ul style="list-style-type: none"> Ancillary lens for fibre-optic cables (single lens) For increasing the range of photoelectric sensors, reducing the aperture angle, or focusing the operating distance Can be used with collar bushings with an M3 external thread

Part number	Article number
LVLF6-M3	722-01003


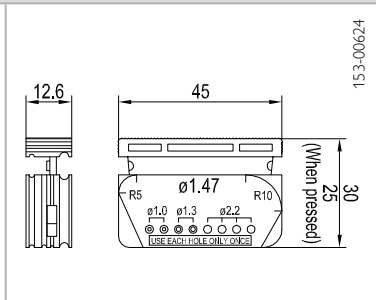
LVLF6-M4		Highlights
	 <p>153-00618</p>	<ul style="list-style-type: none"> Ancillary lens for fibre-optic cables (single lens) For increasing the range of photoelectric sensors, reducing the aperture angle, or focusing the operating distance Can be used with collar bushings with an M4 external thread

Part number	Article number
LVLF6-M4	722-01004

Ancillary lenses, cutting tool

33 LVL 2,2-90°		Highlights
		<ul style="list-style-type: none"> • Deflection prism: 90° for plastic fibres (pair) • Suitable for fibres with an external diameter of 2.2 mm or M2.6 sleeve • Straight light exit

Part number	Article number
33 LVL 2,2-90 Grad	722-50776

Cutting/bending tool		Highlights
		<ul style="list-style-type: none"> • Combination tool for cutting and bending fibre-optic cables and fibre-optic cables with bendable tips

Part number	Article number
Cutting tool	724-50799