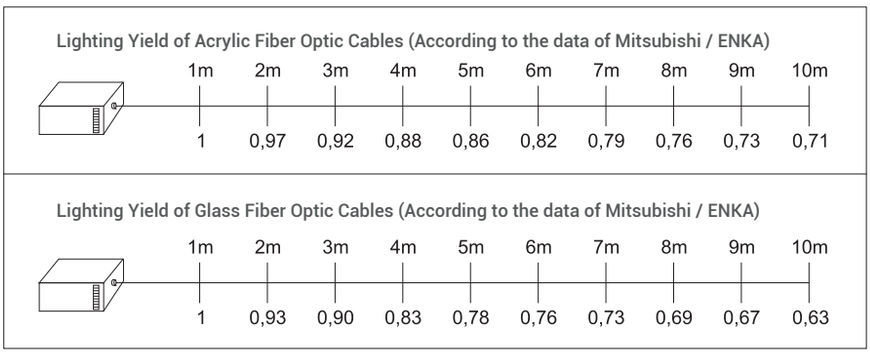


FiberOptic Cables / FOK

These are the system's basic components that enable the transportation of the light, generated at the light source, to the area of usage. The fiber optic cables are lifetime guaranteed, except the circumstances of application of force and fading or degradation would not occur in the light transported by such cables. Fiber optic cables can be applied anywhere between the temperatures of +110°C and -40°C and are resistant against adverse conditions such as underground, underwater, inner concrete and humid areas. Due to being light transporters, these cables do not cause any risk of power failure. All of the fiber optic cables, utilised for our products, are fiber optic cables manufactured by the Mitsubishi Company. Mitsubishi, which has been manufacturing fiber optic cables since 1975, is one of the best companies throughout the world in this regard. Mitsubishi, aside from our company, exports these cables to many highly qualified companies, located in the in the USA and Europe. Fiber optic cables are manufactured as bared in two main forms which are glass and acrylic. The cutting and shaping, forming harnesses, encasement and finishing of fiber optic cables, depending on needs, which we import in reels, unprocessed, are performed by our company.

Acrylic Fiber Optic Cables

Poly Methyl Methacrylate (PMMA) is utilised as a basic substance for the structures of these cables. These are manufactured in diameters between 0.25 mm and 3 mm. The cables can provide long term runtime between the degrees of -40 and +70 °C and short term runtime up to +110°C. These can enable the transportation of the generated light, when affixed to the light outlets of light sources. As these cables can radiate from ends, they can also be ensured to give off light from the side after being harnessed or braided or to transport more quantity of light by being harnessed and encased. The cutting of parts of the cables, which are affixed to the light sources, require quite a specific technology, thus making the on-site manufacturing of fiber optic systems rather difficult. Due to the aforesaid fact, we forge package systems, by merging the ends of fiber optic cables, in a given number and dimensions or prepare cables at the required dimensions and quantities.

- Electrostatic powder coated aluminum injection body
- Fixed (unchanging) or changing color option
- Works silently, without the need for fan cooling
- Comes with up to 400 mixed fiber optic strands

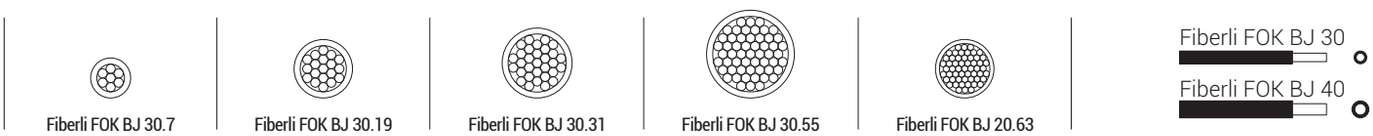
**See size options in table FO package options*

Non-sheathed Cables

Product Code	Section	Section area (mm²)	Diameter (mm)	m/mkr
Fiberli FOK 10		0,049	0,25	12.000
Fiberli FOK 20		0,196	0,50	6.000
Fiberli FOK 30		0,441	0,75	2.700
Fiberli FOK 40		0,785	1,00	1.500
Fiberli FOK 60		1,766	1,50	700
Fiberli FOK 80		3,140	2,00	250
Fiberli FOK 100		4,906	2,50	250
Fiberli FOK 120		7,065	3,00	150

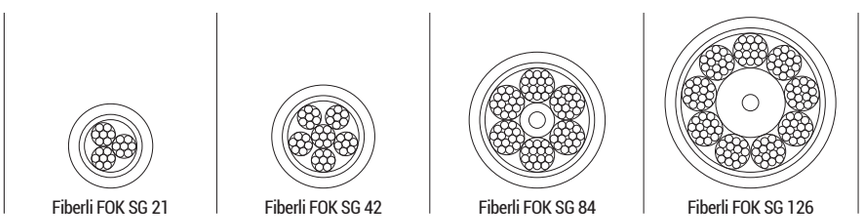
End Radiant Unsheated Cables

Product Code	Instruction	Section area (mm²)	Diameter (mm)	m/mkr
Fiberli FOK BJ 30	Black Jacketed PMMA	0,441	0,75	500
Fiberli FOK BJ 40	Black Jacketed PMMA	0,785	1,00	500
Fiberli FOK BJ 30.7	Black Jacketed PMMA	3,080	3,25	100
Fiberli FOK BJ 30.19	Black Jacketed PMMA	8,380	4,75	100
Fiberli FOK BJ 30.31	Black Jacketed PMMA	13,68	5,60	100
Fiberli FOK BJ 30.55	Black Jacketed PMMA	24,25	7,12	100
Fiberli FOK BJ 20.63	Black Jacketed PMMA	3,080	3,25	100



Side Radiant Sheated Cables

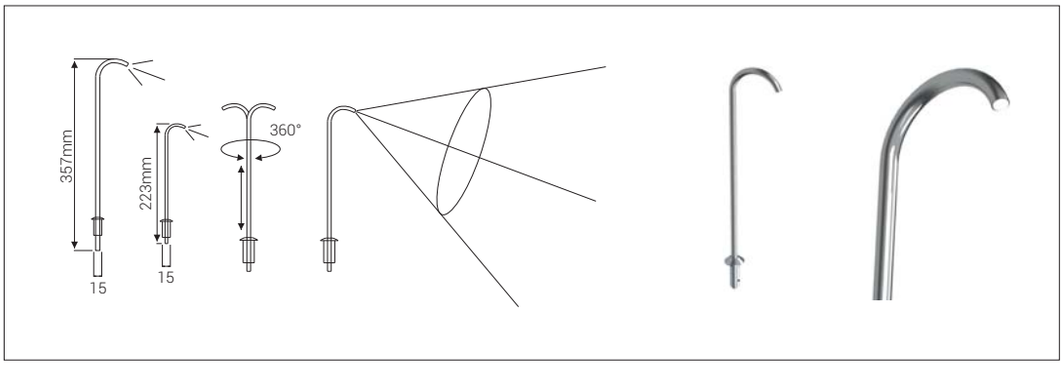
Product Code	Instruction	Diameter (mm)	Quantity
Fiberli FOK SG 21	Transparent Jacketed Mitsubishi PMMA	75	21
Fiberli FOK SG 42	Transparent Jacketed Mitsubishi PMMA	75	42
Fiberli FOK SG 84	Transparent Jacketed Mitsubishi PMMA	75	84
Fiberli FOK SG 126	Transparent Jacketed Mitsubishi PMMA	75	126



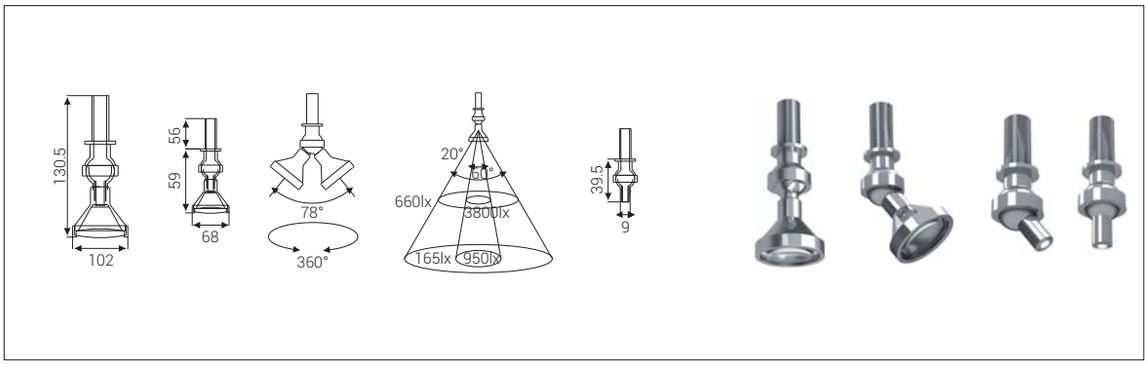
Side Radiant Sheated Cables

Product Code	Instruction	Diameter (mm)	Quantity
Fiberli FOK SC 6	Transparent Jacketed PMMA	6	-
Fiberli FOK SC 11	Transparent Jacketed PMMA	11	-
Fiberli FOK SC 14	Transparent Jacketed PMMA	14	-

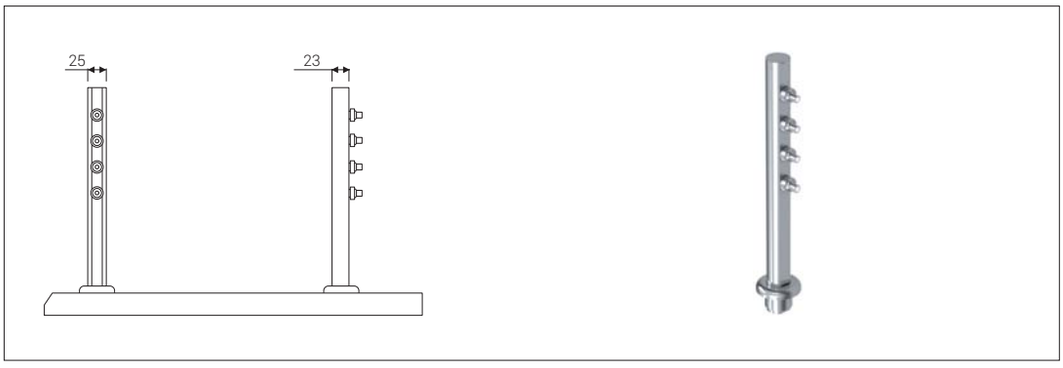
L Type Lens



G Type Lens



DK Type Lens



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