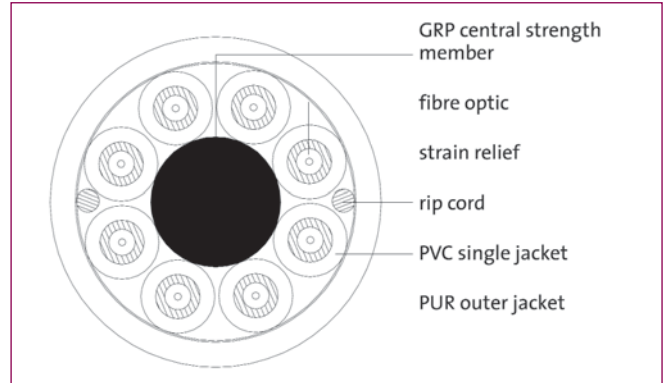


► Cable chain-compatible fibre optic cable

Fibre optics are used in a variety of industries. Especially due to Gigabit Ethernet technology, fibre optics are increasingly used in industrial image processing. Different cameras and converters primarily use LC connectors.

The robust and cable chain-compatible IND fibre optics family from STEMMER IMAGING is equipped with a total of six or four fibres providing a 100% percent redundancy as there are only two fibres needed for transmission. In case of failure of one of the fibres the substitute fibre can be connected, thus reducing the cost of repair.



Cross section

► Technical highlights in detail

- Robust, cable chain-compatible fibre optic cable (5 million bend cycles)
- Multimode fibres (50/125)
- 6x, 4x or 2x LC converted fibres
- Suited for indoor and outdoor use and in rough industrial conditions
- Polyurethane (PUR) outer shell
- Watertight cables
- High resistance to oil, fuel, acid and alkalis
- UV resistance according to DIN EN ISO 4892-2
- Min. bending radius 10x outer diameter
- High shock resistance
- Temperature range:
 - transport and storage: -25 to +80 °C
 - laying: -5 to +50 °C
 - operating: -20 to +80 °C

► Model overview

MODEL	NUMBER OF FIBRES [mm]	OUTER DIAMETER [mm]	INSULATION THICKNESS [kg/km]	WEIGHT [kg/km]	TRACTION max. [N]
CABLE FIBER LC-LC-2*IND-xM	2	8,9	1,2	50	800
CABLE FIBER LC-LC-4*IND-xM	4	8,9	1,2	50	800
CABLE FIBER LC-LC-6*IND-xM	6	9,0	1,2	75	1200