JENOPTIK

Optical Fibre Cables –
for special applications in spectral range VIS & NIR

Customized optical fibre cables

Optical fibre cables are used in various fields of optical technology for light transmission and beam forming. Jenoptik can provide a broad spectrum of special fibre cables and can adapt design, protection and terminations to meet exactly the customer specifications. Especially for high tech systems in the visible and near infrared spectral range, Jenoptik can supply the qualified optical fibre cables, and can realise your system solutions.

Benefits

- Application in VIS & NIR spectral range
- Singlemode, multimode or polarisation maintaining fibres possible
- Customer specific design
- Different types of fibres configurable
- Short delivery times
- Small batches possible
- Jenoptik-quality

Applications

- Telecommunication
- Sensor technology
- Laser technology
- Metrology
- Life science
- Machine vision
- Automotive & railway technology
- Aerospace technology
- Light & signalling technique

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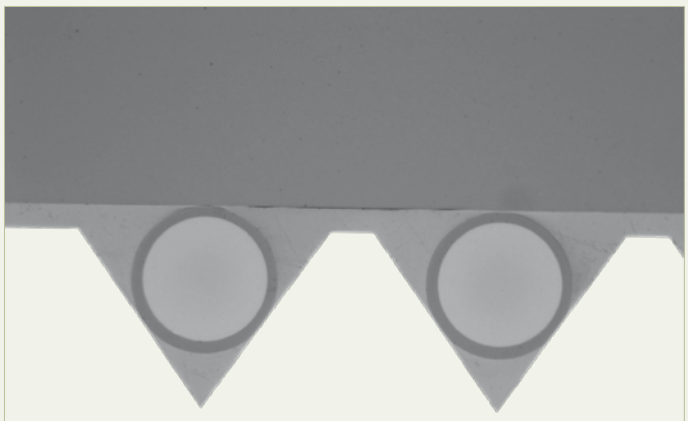
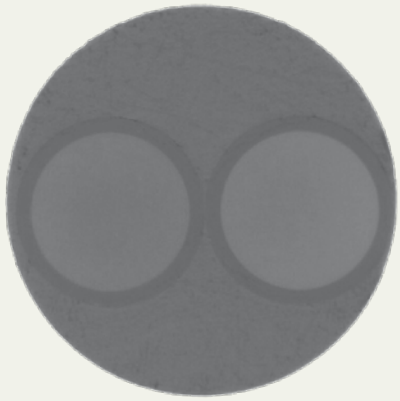
Specifications

Fibre	• Single mode fibres • Polarisation maintaining fibres • Multi mode fibres • Fibres of different manufacturers, different fibre types or diameters • Double core fibres, other on request
Wavelength range	405 nm … 1600 nm
Cable sheathing	• 0.9 mm loose tube • 3 mm loose tube • Reinforced tube
Fibre termination	Standard: 2.5 mm ferrules, FC/PC, FC/APC, FSMA905 On request: Fibre arrays, multiple cone ferrules, special constructions Different fibre terminations at one cable can be combined

Examples of customized terminations



Customized fibre array



Fibre connector with two fibres

It is our policy to constantly improve the design and specifications. Accordingly, the details represented herein cannot be regarded as final and binding.

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