

OsTech Optical fibre Cable

Fibre-SMA-SMA- cable series



In cooperation with the company FCC we provide a set of fibre cables which are well suited to work with our laser assemblies. They are manufactured thoroughly with precise core centering. The cables have a robust construction with metal shielding and epoxy free ferrule.

For higher optical powers there are additional features available such as mode stripping, monitoring of fibre breakage, connector temperature and connectivity.

In addition it is possible to assemble fibre connectors and metal tube to your laser module.

More detailed information about connectors and fibre cables you find here: <http://www.fibercableconnect.de/en/>

For other fibre cable request than shown below, please ask.

CABLE FEATURES:

Fibre types:

- 200µm core, 280µm cladding
- 400 µm core, 480µm cladding
- 600µm core, 720µm cladding

Protective tubing:

- stainless steel tube with PVC coating
- outer diameter 6.4mm

Connector:

- SMA905 compatible high power version
- copper alloy ferrule
- free standing fibre tip, epoxy free ferrule

Length:

- standard length: 2m, 3m, 5m
- other length on request

	Fibre core	Length
fibre-SMA-SMA-600µm-metal-tube-2m-586	600µm	2m
fibre-SMA-SMA-600µm-metal-tube-3m-342	600µm	3m
fibre-SMA-SMA-600µm-metal-tube-5m-643	600µm	5m
fibre-SMA-SMA-400µm-metal-tube-2m-620	400µm	2m
fibre-SMA-SMA-400µm-metal-tube-3m-339	400µm	3m
fibre-SMA-SMA-400µm-metal-tube-5m-639	400µm	5m
fibre-SMA-SMA-400µm-metal-tube-15m-662	400µm	15m
fibre-SMA-SMA-400µm-metal-tube-30m-663	400µm	30m
fibre-SMA-SMA-200µm-metal-tube-2m-633	200µm	2m
fibre-SMA-SMA-200µm-metal-tube-3m-414	200µm	3m
fibre-SMA-SMA-200µm-metal-tube-5m-583	200µm	5m

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Fibre-SMA-SMA- cable series		
high power version with mode stripping and passive air cooling		
fibre-SMA-SMA-400µm-metal-tube-hs-3m-643	400µm	3m
high power version with mode stripping, passive air cooling and monitoring of fibre breakage, connector temperature and connectivity		
fibre-SMA-SMA-400µm-metal-tube-hs-sen-5m-667	400µm	5m