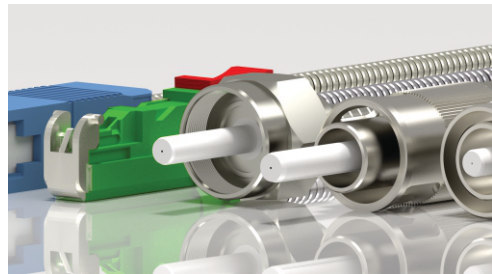




Armored Patchcords with Stainless Steel Jacket

chemical industry, spectroscopy, medicine, laboratory applications



Advantages

good flexibility, non - stretching, excellent bending characteristic, high pulling strength
resisting lateral pressure

Features

Armored fiber optic patchcords are available for UV/VIS/NIR spectral range from 180nm up to 2500 nm. Our product gallery offers optical fibers with a core diameter from 8µm to 1000 µm including polarization maintaining fibers.
Our armored fibers are assembled with SMA or FC/PC (APC) connectors, other connector-types on request

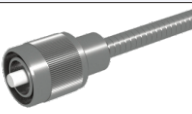


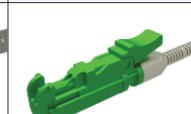

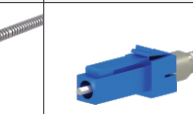
Parameters of Square Locked Stainless Steel Tube

Fiber Type	Wavelength
PM fiber panda/bow tie (VIS, NIR)	405 - 2000 nm
SM fiber (VIS, NIR)	405 - 2000 nm
MM fiber (UV, VIS, NIR)	180 - 2500 nm

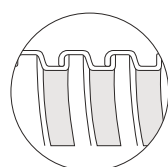
Type	ID ± 0.2mm	OD ± 0.2mm	Bend radius ± 5 mm	Weight g/m
Sc1	1.8	2.9	23	15
Sc2	3.0	4.6	18	30

Other Fibers on request, High Power modification, by PM and SM on request

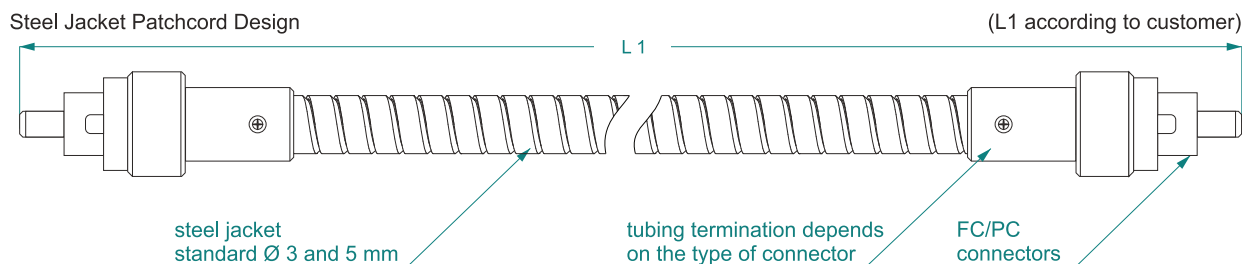
Compatible Connectors for Stainless Steel Jacket

FC PC/APC	ST PC	SMA 905 PC	E2000 PC/APC	SC PC/APC	LC PC/APC
					
Ceramic/Steel/Diamond Ferrule Ø2.5 mm	Ceramic/Steel/Diamond Ferrule Ø2.5 mm	Ceramic/Steel/Diamond Ferrule Ø3.17 mm	Ceramic/Diamond Ferrule 2.5 mm	Ceramic/Diamond Ferrule 2.5 mm	Ceramic Ferrule Ø1.25 mm

Steel Jacket Segment Detail



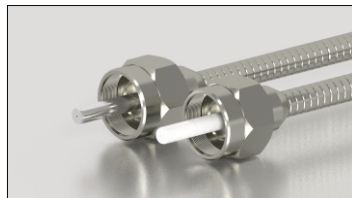
Steel Jacket Patchcord Design



ST PC/APC Connectors



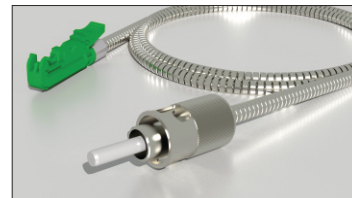
SMA 905 Connectors



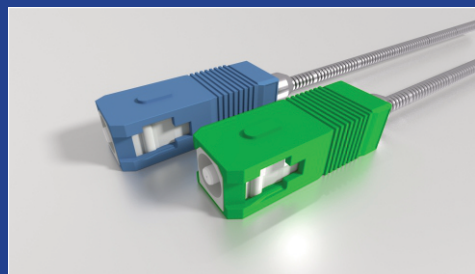
FC PC/APC Connectors



E2000/APC and ST Connectors



SC PC/APC Connectors



E2000 PC/APC and High Power Connectors



LC PC/APC Connectors

