

F-SMA

for LASER Applications



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Amphenol Precision Optics (APO) offers F-SMA with free-standing fiber for high power applications. The main aspect of the connector is its removable protection sleeve that enables you to terminate the connector or fiber with a standard polishing procedure without the usage of wax or other auxiliary materials.

By that it is ensured that there are no residuals (e.g.: polishing wax, adhesive,...) around the fiber in the beam coupling area.

The fiber is fixed in the rear end of the connector. This part can be adjusted to enable a precise fiber position.

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Features:

- Free-standing fiber for high power LASER beam coupling
- No glue around the fiber
- Fiber protection by removable sleeve
- Precision fiber alignment
- Easy termination (without wax)
- Easy cleaning
- High quality polishing results
- Repolishing possible
- Various ferrule types available
- Different fiber fixations available

Technical Specifications		
Part Number	F5SF-Mxxx-Mxxx-H	F5RF-Mxxx-Mxxx-H
Screw cap	hexagonal	knurl
Ferrule material	ARCAP®, Copper, (others upon request)	
Bore hole diameter	100 up to 1.000µm (upon request)	
Operating temperature	-40°C to +85°C	
Storage temperature	-40°C to +90°C	

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Termination Procedure:

