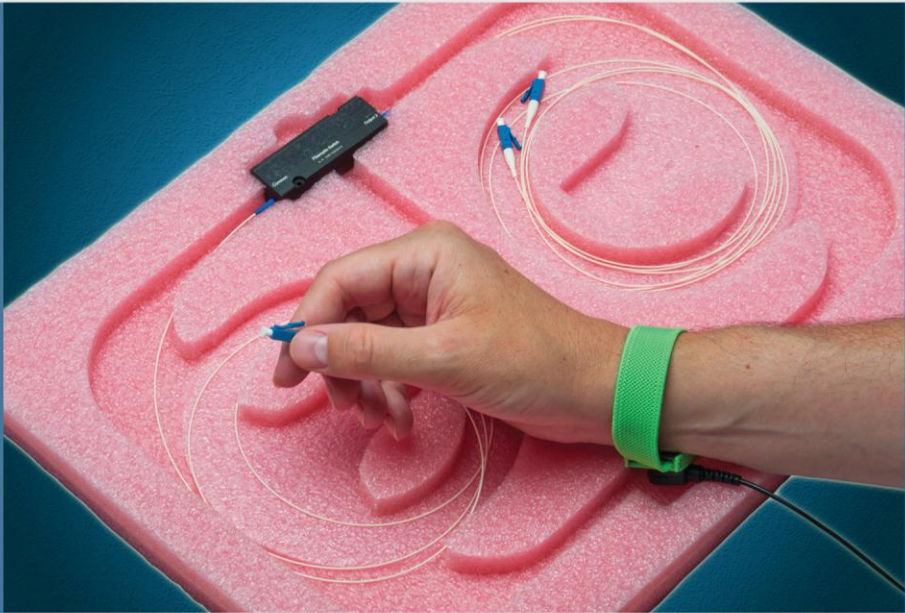


CUSTOM FIBER TERMINATION



EigenLight offers fiber optic termination services for fiber devices and custom applications. Services are available for all standard connector and fiber types, including PM fiber. We take all necessary precautions in handling ESD sensitive and fragile equipment.

FEATURES

- 100% Interferometric Testing on Connectors
- Connector End-Face Geometry to IEC Specifications or Better
- UPC Polish Standard
- Bar Coded Serialization and Documentation available

CONNECTOR SPECIFICATIONS

	PC		APC	
	(Physical Contact)		(Angled Physical Contact)	
	MIN	MAX	MIN	MAX
Radius of Curvature	10.0 mm	25.0 mm	5.0 mm	12.0 mm
Fiber Height (Spherical Fit)	-50.0 nm	50.0 nm	-100.0 nm	100.0 nm
Apex Offset	0.0 um	50.0 um	0.0 um	50.0 um
Angle	-0.3°	0.3°	7.5°	8.5°
Key Error	N/A	N/A	-0.25 °	0.25°
Fiber Surface Roughness	0.0 nm	50.0 nm	0.0 nm	50.0 nm
Ferrule Surface Roughness	0.0 nm	50.0 nm	0.0 nm	50.0 nm
Return Loss (Mated Connector)	50 dB	N/A	65 dB	N/A

Contact sales@eigenlight.com for a quote, and to discuss your custom fiber termination requirements.