

Selection Guide

Polarization-Maintaining ClearLite® TruePhase® Photonic Fiber

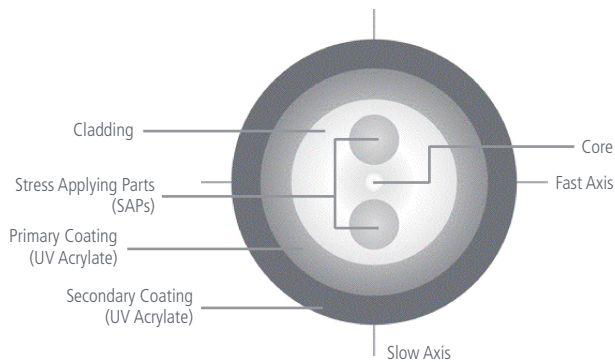


We offer a full line of ClearLite TruePhase Polarization Maintaining Fibers in several popular wavelengths, all using industry-standard Stress Applying Parts (SAPs). This design creates two axes in the core, each of which guides light at a different velocity. Crosstalk between the fast and slow axes is suppressed so that linearly polarized light launched into either axis will remain polarized as it is guided.

When spliced correctly according to any of the standard splice recipes from major splice equipment manufacturers, TruePhase Fibers exhibit low loss and high extinction ratios.

Fiber	Operating Wavelength	MFD at Operating Wavelength	Beat Length at Operating WL	Clad/Coating Diameter	Part #	Page #
TruePhase 980 400	980 nm	6.6 μm	≤2.8 mm	125/400 μm	F9920	52
TruePhase 980 250	980 nm	6.6 μm	≤2.8 mm	125/250 μm	F9920-01	52
TruePhase 980 Micro	980 nm	6.6 μm	≤2.8 mm	80/165 μm	F11317	52
TruePhase 1310 400	1310 nm	9.3 μm	≤3.8 mm	125/400 μm	F9922	53
TruePhase 1310 250	1310 nm	9.3 μm	≤3.8 mm	125/250 μm	F9922-01	53
TruePhase 1310 Sensor	1310 nm	5.5 μm	≤3.0 mm	125/250 μm	F11358	53
TruePhase 14XX 400	1400–1490 nm	9.8 μm (@1455 nm)	≤4.2 mm	125/400 μm	BF06832	54
TruePhase 14XX 250	1400–1490 nm	9.8 μm (@1455 nm)	≤4.2 mm	125/250 μm	BF06832-01	54
TruePhase 1550 400	1550 nm	10.5 μm	≤4.5 mm	125/400 μm	BF06734	55
TruePhase 1550 250	1550 nm	10.5 μm	≤4.5 mm	125/250 μm	BF06734-01	55

Options: Cabling, Metalization, Proof Test Level, Optical Properties, Coating Material and Dimensions



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Catalog page 12