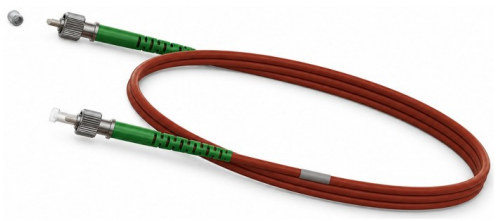
LUXA

Polarization-Maintaining Dispersion-Compensating Fiber Patch Cord

Polarization Maintaining Fiber Connectors

Dispersion-compensating fiber is spliced to polarization-maintaining fibers and terminated with precision connectors. The assembly adjusts chromatic dispersion in PM links, including cable television systems.



Technical specifications

Dispersion coefficient	-100±10 ps/(nm·km) @1550 nm
Dispersion slope	-0.34 ps/(nm²·km)
Relative dispersion slope	0.0034±0.0004 nm□¹
Group-velocity dispersion	1.275×10⁵ fs²/m
Operating wavelength (Slow axis, nm)	1510 to 1620
Mode field diameter MFD (μm)	5
Effective area (μm²)	20
Cutoff wavelength (Slow axis, nm)	1400