Polarization Maintaining Cables

Choose Polarization Maintaining Cable Assemblies for quality and precision

Polarization maintaining fiber is used in applications which require the light to maintain polarization as it propagates down the core of a fiber.

PM fiber is commonly utilized in the telecommunications, sensor, and specialized photonics industries.

Timbercon PM cables are available with active, visual, or crossed alignment, and FC, LC, and SC termini options. Timbercon can provide you an exact solution for your PM fiber requirements.

FEATURES

- Designed to meet Telcordia specifications
- Low insertion loss
- -35 to -65dB return loss
- Active, visual, crossed alignment
- Slow or fast alignment
- High extinction ratio: 25 - 31dB
- UPC and APC polish
- Available termini: FC, LC, SC
- Wavelengths: 460nm, 480nm, 633nm, 780nm, 850nm, 980nm, 1060nm, 1300nm, 1310nm, 1550nm

APPLICATIONS

- Specialty photonics
- Telecommunications
- Sensor connections
- Gyroscope applications

BENEFITS

- Guaranteed quality
- 100% tested and documented
- On-site development and production

PREMIUM SOLUTIONS

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About

Founded in 1997, Timbercon, Inc. is a fiber optic product and solution manufacturing company providing a vast array of connectivity solutions to the data storage, telecommunications, military, industrial, broadcast and networking industries. In addition to standard fiber optic patch cords and attenuated test cables, Timbercon has pioneered proprietary products, many of which are now considered to be an industry benchmark.

About

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