PLC Connections excels in providing customers with the personal attention and solutions necessary to complete projects in a timely and cost-effective manner.

Our ability to take your project from concept to finished product makes PLC Connections the best source for all your fiber array needs. Let us quote your next project.

Some fibers require more than a COTS solution

Custom ferrules and assemblies

Specifications include:
- Standard fiber counts from 1 to 64, higher counts available.
- Core-pitch accuracy better than ±1µm fiber-to-fiber.
- Precision V-grooved quartz, fused silica and other substrates.
- Specify polish angle and direction, standard is ±0.3º, ±0.1º available.
- Core pitch; standards are 82, 127, 250 or 254 µm. Any fiber pitch is available.
- 3-D array configurations with custom geometries.
- Array dimensions: 1mm to 100mm.
- Fiber types: SM, PM, MM, POF and customer provided.
- PM fibers experience minimal degradation of polarization extinction ratio, ≥30 dB available.
- Operating temperature up to 200°C.
- Additional accessories include: AR coatings, fiber cables, optical connectors, array-bonding to optical PLC circuits and lens-arrays.

Your design is our product

PLC Connections is an industry leader in providing reliable and specialized fiber arrays tailored to meet the needs of industrial, electro-optic, telecom and aerospace environments.

Take advantage of our 100+ years of combined experience for your next project. Our knowledgeable, friendly staff is ready to help you with all your fiber optic needs.