



Serving Communications, Medical, Industrial, Space & Defense Industries

- Your Complete OEM Partner
- Full Line of Optical Components & Modules
- Custom Design Solutions
- Quality Service & Fast Delivery
- Long-Haul/Metro Networks/Data Center
- CATV/Data Access
- FTTx Solutions/PON
- Sensing/Instrumentation/OCT



● **High-Density LGX Chassis & Modules**

ACP offers a variety of its optical components in compact packaging for high-density systems. Packaging includes small form factor LGX modules and custom designs.



● **Mini & Compact CWDMs**

ACP's CWDM Mux/DeMux modules are designed for high-density systems, with port counts up to 40 channels. Available in small compact module and LGX modules for 19" rack mounts. Operating temperatures range from -40 to +85 °C for field-hardened modules.



● **Mini MEMS EVOA**

ACP has recently introduced Mini MEMS-based EVOAs into their already well-received standard EVOAs. Standard type:  $\Phi 5.5 \times 20 \text{mm}$ ; Mini Type:  $\Phi 3.0 \times 15 \text{mm}$



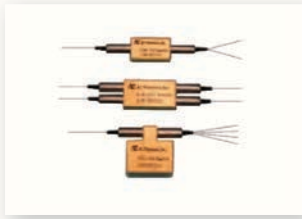
● **LIDAR/EDFA Subsystems**

ACP offers a wide variety of high-quality Optical Amplifiers designed for CATV, LIDAR, Medical, Defense, and other advanced applications. These amplifiers feature high signal gain and low noise figures for optimal Signal-to-Noise ratio performance.



● **Active Photonic Laser Devices**

ACP has a wide range of source LDs, from select wavelength (O/S/C/L bands) to narrow linewidth (DWDM digital). 980nm pump laser, LED sources ( 1310/1490/1550/1600nm bands), and SOA are offered as well. Packaged in standard 9/14 PIN butterfly or TO56, these products can be used in new designs or as drop-in replacements for existing ones.



- **Switches & Modules**

ACP's mechanical switches use proprietary opto-mechanical configurations, and are activated via electrical control signals. They offer ultra-high reliability and fast switching speed as well as bidirectional performance.



- **Mini Circulators**

ACP's miniature polarization-insensitive optical circulators utilize proprietary designs and metal-bonding micro optics packaging. They provide low insertion loss, broadband high isolation, low PDL, and excellent temperature stability, all delivered in very small form factor.



- **Athermal/Thermal AWG Modules**

ACP's AWG DWDM modules are part of a series of high performance products based on silica-on-silicon planar technology. This product range offers low insertion loss and high channel isolation, along with long-term reliability and low cost channels for 100GHz solutions.



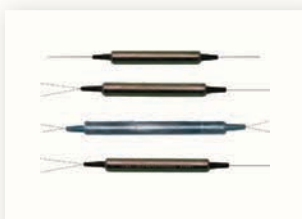
- **Singlemode to Multimode Fiber Converter**

ACP's singlemode to multimode converter is a device that converts the output from a singlemode light source into multimode with very low insertion loss. It is used for the testing of multimode devices, such as WDMs, hybrids, isolators, and couplers, when only singlemode light sources are available.



- **PLC Splitters**

ACP's PLC splitters offer a low cost solution for optical signal distribution. They feature low insertion loss, low PDL, wide operating wavelength, and excellent environmental and mechanical stability. Compact package, module and rack package, and high power PLC splitters are available.



- **PM Components**

ACP offers a broad line of PM products: PM Switches, PM WDMs, PM isolators, PM circulators (3 or 4 port), polarization beam combiners/splitters, etc. They all have low insertion loss, high extinction ratio, high isolation and excellent thermal stability. They can be designed to work at different wavelength rangings, from 780nm to 1650nm.

