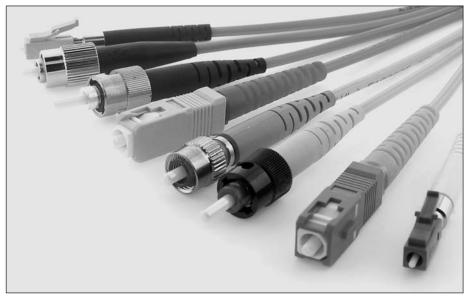
Fiber Optic **FPA**

he Fiber Optic PatchCord Assemblies (FPA) series are available in singlemode and multi-mode, in simplex and duplex. They are manufactured and tested to industry standards. They are in accordance to Telcordia, TIA/EIA, and IEC specifications.

FPA cable assemblies are available in Premium and Standard performance levels. The Premium performance grade cable offering is for applications requiring highperformance. The Standard performance grade cable offering is for applications where cost is of most concern.

Applications:

- Fast Ethernet, Data Communications LAN and WAN
- **High-Speed Enterprise Servers**
- Multiplexors, Switches, and Routers
- Optical Access and ATM Networks Equipment
- **Optical Transport and Telecommunications** Switching Equipment



For more information: www.ittcannon.com/cat297

Product Features

- FPA are available in 3 mm dia. cable with industry standard connectors in the LC, SC, ST, and FC single channel connector types. VF-45 and MT-RJ are also available. LC/LC assemblies are with 900 μ m buffered fiber (Un-ruggedized), 1.6 dia. and 3 mm dia. jacket optional (Ruggedized).
- Premium performance grade cables offer low-loss superior performance at competitive prices for optimum value to customers:
 - Ultra PC polish (3U grade-Ultra Physical Contact polish)
 - Angled PC polish (3A grade-Angle Physical Contact polish)

- Standard performance grade cables for cost conscious applications:
 - PC polish (5P grade-Physical Contact polish)
- Single-mode (Yellow Jacketed-8.3/125 μ m) cables are manufactured in PC, UPC, and APC polish versions.
- Multi-mode (Orange Jacketed-62.5/125 μ m ZipCord) is standard for FPA cable assemblies. Multi-mode 50/125 μ m fiber is optional.
- UL-listed OFNR Riser rated jacket. Optional UL-listed OFNP Plenum rated cable jacket for routing under computer room floors and in air circulating ducts.

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- Standard FPA offering in 1 m, 2 m, 3 m, 5 m and 10 m lengths. Optional nonstandard cable lengths and a variety of other connector types. Patch cord assemblies with various connector type pairings are also available.
- Meets TIA/EIA 568 specifications. Compliance with Telcordia GR-326-CORE also available.
- All assemblies are 100% tested for optical attenuation performance.
- Cost effective custom cable assemblies in special lengths and/or connectors built to customer specific configuration.

Performance Specifications

	Single-mode
PC (5P)	Insertion Loss: \leq 0.5 dB, Return Loss: \geq -35 dB
UPC (3U)	Insertion Loss: \leq 0.3 dB, Return Loss: \geq -55 dB
APC (3A)	Insertion Loss: \leq 0.3 dB, Return Loss: \geq -65 dB
	Multi-mode
PC (5P)	Insertion Loss: ≤ 0.5 dB



(i) Please contact your local Cannon representative: www.ittcannon.com/support/ContactUs

