

LC APC/UPC Single Mode Field Assembly Connector



Overview

The LC fiber optic connector is a single mode 9/125µm OS1/OS2 simplex fiber connector, compatible with 250 µm and 900 µm optical fibers, and 0.9mm, 2mm, and 3mm cordage. Each connector with separate boot kits is available for 0.9 and 2.0mm diameter style cables and the length fixing device is to ensure stripping fiber in the right range. The field-installable connector is a factory pre-polished connector that eliminates the need for hand polishing in the field. Proven mechanical splice technology ensuring precision fiber alignment, a factory pre-cleaved fiber stub, and a proprietary index-matching gel combine to offer an immediate low-loss termination. Each connector is color-coded per industry-standard requirements to aid in identification during and after installation. It provides an ideal solution for optical cabling inside buildings and floors for LAN & CCTV applications and with the expansion of FTTH.

Benefits

- Pre-polished Ferrule Eliminates Inconsistent and Time-consuming Field Polishing
- Mechanical Splice Ensures No Adhesive and Fast Field Installation
- Allows Up to Two Re-terminations for Lower Installed Costs
- 0.35dB Low Insertion Loss Consistently Provides Optimum Optical Performance
- Rapid Deployment for MACs in LAN/WAN and FTTx Deployment

Product Specification

	Specification	
ID	#208549	#35165
Connector Type	LC APC	LC UPC
Body Style	Simplex	Simplex
Ferrule Material	Ceramic	Ceramic
Fiber Mode	9/125µm Single Mode	9/125µm Single Mode
Insertion Loss	0.35dB Max, 0.15dB Typ.	0.35dB Max, 0.15dB Typ.
Return Loss	50dB Min.	50dB Min.
Housing Color	Green	Green
Boot Color	Green	Green
Cable Diameters	0.9/2.0/3.0mm	0.9/2.0/3.0mm
Temperature	Storage -40 to 85°C (-40 to 185 °F) Operating -20 to 75°C (-4 to 167 °F)	