

No Epoxy LC APC

Fiber Field Assembly Optical Connector

- For FTTA Solution



Product Overview

This kind of connector with LC model with No Epoxy / No Polish required. A small form-factor connector that uses a 1.25mm ferrule. It designed small size allows for very high port density on patch panels and equipment, making it the dominant connector type in data centers and modern FTTx (Fiber to the x) installations. The entire design purpose of this connector is to be installed quickly, easily, and reliably on-site (in the field) without needing a lab or complex polishing equipment.



Keyed Characteristics

- ✓ Ease of Use: Dramatically simplifies the termination process. It requires less training and skill than the epoxy-and-polish method.
- ✓ Speed: Allows for extremely fast installation (often in under 2 minutes).
- ✓ Consistency: Removes the variability of a hand-polish job, leading to more consistent and reliable results in the field.
- ✓ Cleanliness: No messy adhesives to deal with.

Technical Parameter

	Singemode (UPC)	Singemode (APC)	Multimode
Insertion Loss	$\leq 0.3\text{db}$	$\leq 0.3\text{db}$	$\leq 0.3\text{db}$
Return Loss	$\geq 50\text{db}$	$\geq 60\text{db}$	$\geq 30\text{db}$
Durability	$\leq 0.2\text{db}$ typical change, 1000 times mating		
Size	47*10*5mm		
Operating Temperature	-45 to +85 degree		
Ferrule Hole Sizes	125.0+1/-0um, Concertricity: $\leq 1.0\text{um}$	125.0+1/-0um, Concertricity: $\leq 0.5\text{um}$	125.0um, Concertricity: $\leq 3.0\text{um}$
	125.3+1/-0um, Concertricity: $\leq 1.0\text{um}$	125.3+1/-0um, Concertricity: $\leq 0.5\text{um}$	127.0um, Concertricity: $\leq 3.0\text{um}$
	125.5+1/-0um, Concertricity: $\leq 1.0\text{um}$	125.5+1/-0um, Concertricity: $\leq 0.5\text{um}$	128.0um, Concertricity: $\leq 3.0\text{um}$
	126.0+1/-0um, Concertricity: $\leq 1.0\text{um}$	126.0+1/-0um, Concertricity: $\leq 0.5\text{um}$	

Application

- ✓ Distribution framesFiber optic sensing.
- ✓ Maintenance or emergency restoration of fiber networks.
- ✓ FTTH Outlets.
- ✓ Connection at the desk for LAN environments.
- ✓ Fiber Optic Patch Cord & Pigtail.
- ✓ Fiber optic communication system and telecommunication networks.
- ✓ Patch panels.