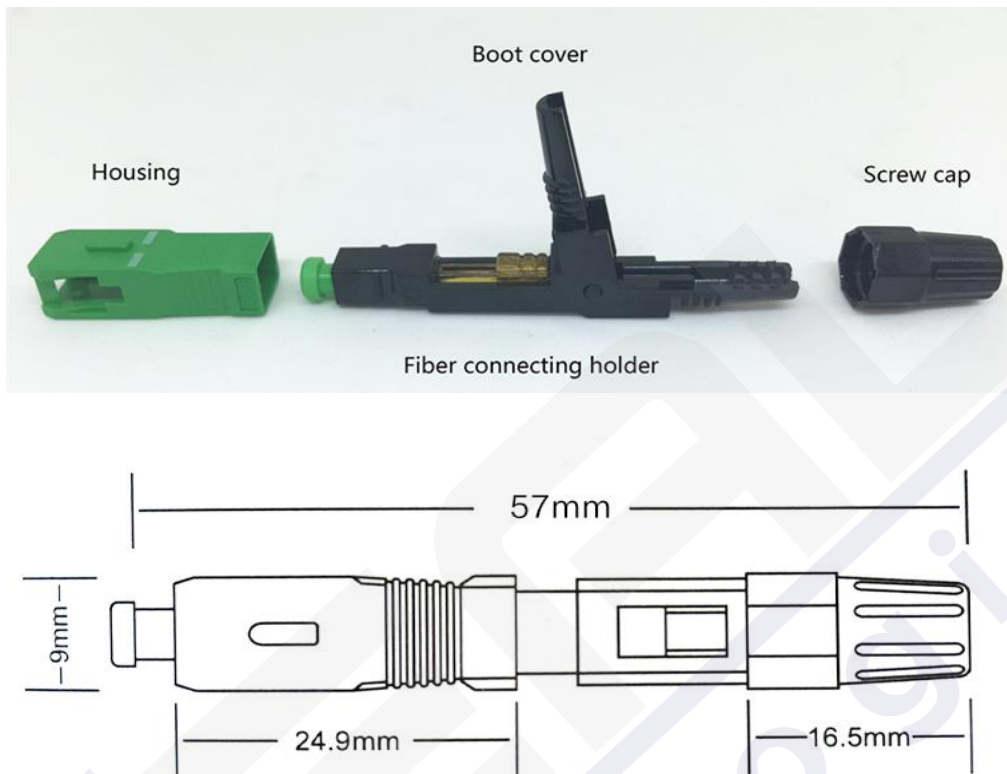


Fiber Optic Fast Connector

CNSCAM



Fast Connector

Description: Optical fast connector takes use of the latest generation of Rapid Ready-Terminal technology. After terminating, both the optical and mechanical performances reach the standard for patchcord and meet the demand for making patchcord on site by mechanical splicing.

Features:

- Low insertion loss and back reflection loss -Extremely easy for operation
- Short operation time.
- No need of epoxy,
- No need of polishing (for PC)

Applications:

- FTTx Rebuilding the wiring in optical equipments rooms.

Availability:

- Following types of connector is available: SC/PC、FC/PC

Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.

Specifications (SC/APC connector)

Item	Description
Fiber diameter	3.0*2.0mm
End face polished	APC
Insertion loss	Average value $\leq$ 0.25 dB, max value $\leq$ 0.4 dB
Return loss	Min. $>$ 45dB, Typ. $>$ 50dB (SM fiber UPC polish)
Fiber retention force	Min. $>$ 55dB, Typ. $>$ 55dB (SM fiber APC polish/When use with Flat cleaver)
	$<$ 30N ($<$ 0.2dB with impressed pressure)

Test Parameters

Item	Description
Twist test	Condition: 15N load, 5 cycles in a test
Pull test	Condition: 30N load, 120sec
Drop test	Condition: At 1.5m, 10 repetitions
Durability test	Condition: 200 repetition of connecting/disconnecting
Vibrate test	Condition: 3 axes 2hr/axis,1.5mm(peak-peak),10 to 55Hz(45Hz/min)
Thermal Aging	Condition: $+85^{\circ}\text{C}\pm 2^{\circ}\text{C}$, 96 hours
Humidity test	Condition: 90 to 95%RH, Temp 75°C for 168hrs
Thermal Cycle	Condition: -40 to 85°C , 21 cycles for 168 hours