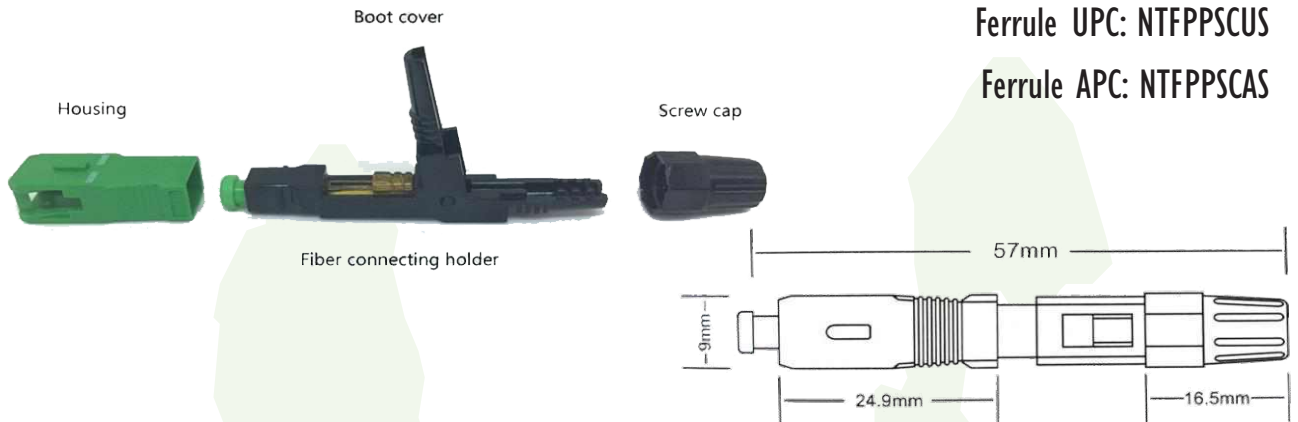


PRODUCT DATA SHEET

SC Fiber Optic Fast Connector



Ferrule UPC: NTFPPSCUS

Ferrule APC: NTFPPSCAS

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

Applications:

- FTTxRebuilding the wiring in optical equipments rooms.

Availability:

- Following types of connector is available: SC/APC or SC/UPC

Specifications

Item	Description
Fiber Diameter	2.0 * 3.0mm
End face polished	APC or UPC
Insertion loss	Average value ≤0.25dB, max value ≤0.4 dB
Return loss	Min. >55dB, Typ. >55dB (SM fiber APC polish/When use with Flat cleaver)
Fiber retention force	<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, 120 sec
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 55 Hz (45Hz.min)
Thermal Aging	Condition: +85°C±2°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

