

## Fiber Optic Field Connector SC/APC-PC



Reference Picture

### 1. Features

- Pre-embedded fiber and pre-polished ceramic ferrule (PC/APC) ensures excellent optical performance
- Matching oil (Same refractive index as fiber) used in the high precision core parts to ensure the high stability and reliability of the connector
- ALL connectors tested for insertion loss and return loss before leaving the factory
- Less than 1 minute operation time, easy o assembly
- Over 95% splicing success rate for single time assemble, total splicing success rate more than 98
- More than 10 times for re-assembling

### 2. Technical Characteristics

Parameters	Specifications
Dimensions (mm)	60 x 9 x 7
Applicable Cable	3.0mm, or 3.1*2.0mm, 3.0*2.0mm
Fiber Diameter (um)	125
Fiber Mode	SM/MM
Insert Loos (dB)	$\leq 0.3$ (Max 0.5)
Return Loss (dB)	$\geq 50$ (APC) $\geq 40$ (PC)
Tensile Strength (N)	$>50$
Operation Temperature (°C)	-20 ~ +75
Circulatory Test During High-low Temperature (dB)	IL $\leq 0.3$ , RL $\leq 5$
Vibration and Impaction(dB)	IL $\leq 0.3$ , RL $\leq 5$
High Temperatura and Humidity test (85°C/85%H)	IL $\leq 0.3$ , RL $\leq 5$