

PART NUMBER: **OUT-OFC-SC-** { UPC  
APC

## SC OPTICAL FAST CONNECTOR



The Optical Fast Connector is a new generation of fiber connector, used in assembly mainly for FTTH applications. It meets the standard optical fiber connector, optical and mechanical, specifications. It is designed for high quality and high efficiency installations. The structure of crimping position is a unique design, and need not gluing, polishing neither any consumables adopted fiber pre-installed structure, that simplifying field installations

## FEATURES

- Less than 3 minutes needed for installation;
- No need glue polishing and power supply;
- Reduced installation tools;
- Low loss insertion, less than 0.25db on average;
- Long lifetime design, more than 25 years.

## TECHNICAL SPECIFICATION

Description	Technical Parameters
Fiber Diameter	9μm /125μm
Coating Diameter	250μm
Cable Diameter	2 - 3 mm
Fiber Mode	SM
Installation Time	About 10s (exclude fiber preparation)
Insertion Loss	≤ 0.25dB
Return Loss	UPC≥50dB and APC≥60dB
Tensile Strength of Fiber	>4N
Tensile Strength of Cable	>10N
Operating Temperature	-40~+85°C
Temperature Cycle Test (168h)	IL ≤ 0.3dB
High Temperature and Moisture Test (96h)	IL ≤ 0.3dB
Drop-off Test (drop-off height 1.5m, totally 8 times)	IL ≤ 0.3dB