

Mechanical Fiber Optical Fast Connector



Description:

This kind of Field Assembly Optical Connector is designed for fast and simple field termination of single fiber, without polishing or epoxy. The Connector is made with precision and high quality Zirconia ferrules and provides a highly reliable connection in most of the network application. The SC type is available with 250/900um buffed fiber, 2.0mm, 1.6mm x 2.0mm, 2.0mm x 3.0mm and 3.0mm jacket cable. The universal type connector is also available, which is suitable for all of the 250/900um, 2mm and 3mm, 2.0mm x 3.0mm cable diameter.

Features:

- Comply with TIA/EIA Telcoria GR-326-Core and IEC 61754;
- Quick and easy fiber termination;
- RoHS compliant;
- Reusable termination capability up to 10 times;
- Easy to deploy fiber solution;
- High success rate of connections;
- Low Insertion & Back Reflection;
- No special tools required.
- OEM Printing, packing and label is okay.
- Cutting 250um fiber 20.85mm, 125um fiber 7.7mm

Application

- All finer interconnection;
- Telecom distribution and Local Area Networks;
- FTTH & FTTx;
- Passive Optical Networks;
- Broadband, CATV.

Código	Descrição
CNOR001	Conector Rápido SC/UPC SM Click Azul
CNOR002	Conector Rápido SC/APC SM Click Verde

Technical Specification	
Item	Parameter
Cable Scope	3.0 x 2.0 mm and 1.6*2.0mm Bow-type Drop Cable
Size:	51*9*7.55mm
Fiber Diameter	125µm (652 & 657)
Coating Diameter	250µm
Mode	SM
Operation Time	about 15s (exclude fiber presetting)
Insertion Loss	≤ 0.3dB (1310nm & 1550nm)
Return Loss	≥ 50dB for UPC, ≥ 55dB for APC
Success Rate	>98%
Reusable Times	>5 times
Tensile Strength	>30 N
Temperature	-40 ~ +85 C
On-line Tensile Strength Test (20 N)	IL ≤ 0.3dB
Mechanical Durability (500 times)	IL ≤ 0.3dB
Drop Test (4m concrete floor, once each direction, three times total)	IL ≤ 0.3dB

Relevant Solutions

- Easy operating, the connector can be directly used in ONU, also with fasten strength more than 5 kg, it is widely used in FTTH project of network revolution. It also reducing the use of sockets and adapters, save cost of project.
- With 86 standard socket and adapter, the connector makes connection between drop cable and patch cord. The 86 standard socket provides complete protection with its unique design.
- Applicable to connection with field mountable indoor cable, pigtail, patch cord and transformation of patch cord in data room and directly used in specific ONU.