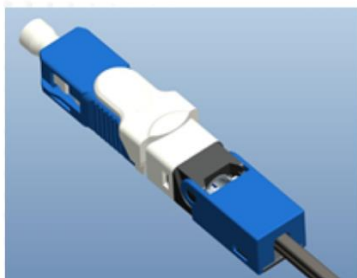


CONECTOR TIPO FURUKAWA SC

APC / SC UPC



Mechanical Fiber Optic Connector- Fiber Pre-embedded Tech ESC250D



ESC250D



ESC250D-APC

Application FTTx, Data Room Transformation
Patent NO. ZL 2007 1 0160602.3

E-SC250D Fiber Optic Connector [Download a Manual](#)

Cutting 250um fiber 20.85mm, 125um fiber 7.7mm

Technical specification

Item	Parameter
Cable Scope	3.0 x 2.0 mm and 1.8*2.0mm Bow-type Drop Cable
Size:	51*9*7.55mm
Fiber Diameter	125µm (R52 & 857)
Coating Diameter	250µm
Mode	SM
Operation Time	about 15s (exclude fiber presetting)

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Insertion Loss	$\leq 0.25\text{dB}$ (1310nm & 1550nm)
Return Loss	$\leq -50\text{dB}$ for UPC, $\leq -80\text{dB}$ for APC
Success Rate	$>98\%$
Reusable Times	>5 times
Tensile Strength	$>40\text{ N}$
Temperature	$-40 \sim +85\text{ C}$
On-line Tensile Strength Test (20 N)	IL $\leq 0.2\text{dB}$
Mechanical Durability (500 times)	IL $\leq 0.2\text{dB}$
Drop Test (4m concrete floor, once each direction, three times total)	IL $\leq 0.2\text{dB}$

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 reduce 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.