



Prostal Limited.

Vat number: 24849130

1F., No.40, Aly. 22, Ln. 143, Ruiping Rd., Yangmei Disty, Taoyuan City 32658, Taiwan

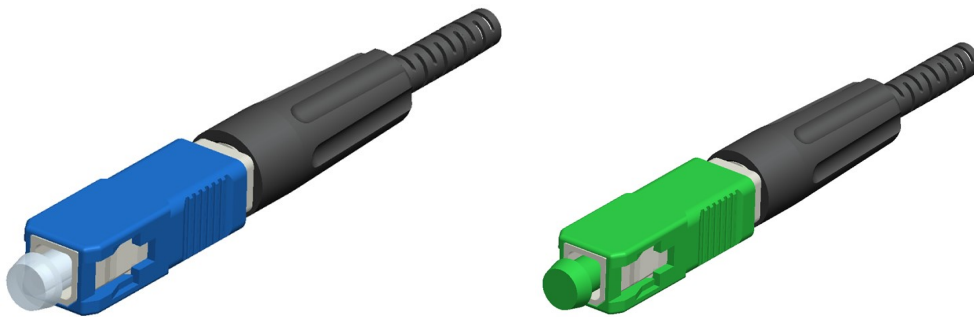
TEL: +886-3-4828372 Fax: +886-3-4828377

URL: www.prostal.com.tw E-MAIL: joan@prostal.com.tw

Mechanical Fiber Optic Connector-Fiber Pre-embedded Tech

PLC925T

Application FTTx, Data Room Transformation



Description

Prostal PLC925T Mechanical Field-Mountable Fiber Optic Connector (FMC) is designed to simple the connection without fusion splicing machine. This connector is quick assembly which requires only normal fiber preparation tools: cable stripping tool and fiber cleaver.

The connector adopts Fiber Pre-Embedded Tech with superior ceramic ferrule and aluminum alloy V-groove.. Also, transparent design of the side cover which allows visual inspection.

It could be applied to drop cable and indoor cable.

Size: 46*9*8mm



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Technical specification

Item	Parameter
Cable Scope	Φ 3.0 mm & Φ 2.0 mm Cable Φ 0.9 invisible cable 2.0x3.0mm drop cable
Fiber Diameter	125 μ m (652 & 657)
Coating Diameter	250&900 μ m
Mode	SM
Operation Time	about 2min (exclude fiber presetting)
Insertion Loss	≤ 0.5 dB (1310nm & 1550nm) , Classic Value: 0.3dB
Return Loss	≥ 50 dB for UPC, ≥ 55 dB for APC
Tensile Strength	>30 N/2min
Temperature	-40 \sim +85 $^{\circ}$ C
Tensile Strength	>30N/2min
Mechanical Durability (500 times)	Δ IL ≤ 0.3 dB, Δ RL<5 dB
Drop Test (4m concrete floor, once each direction, three times total)	Δ IL ≤ 0.3 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.