

Description:

Field assembly connector is very easy installable and re-usable field assembly connector which the fiber can be connected/disconnected only by on/off of a small latch attached on connector body, which is composed of two parts of a connector body and a boot it is designed to have the structure and the function to construct the more economic FTTH network.

**Features:**

- No need to use special Jig for assembling
- Can be reusable about 10 times
- Various cable can be acceptable with one type FAC ($\varnothing 250$ - $900\mu\text{m}$, 2.0/3.0mm)

Compliances:

- GR-326-CORE

Applications:

- FTTH end user termination
- Patch panels
- Rapid repair of optical networks
- Direct equipment termination

Specification:

Item	Data
Fiber Polishing Method	UPC Polish, APC Polish
Applicable fiber Diameter	Ø 250-900µm, 2.0/3.0mm
Insertion Loss	≤0.25 dB
Return Loss	>45dB (SM fiber SPC polish) >50dB (SM fiber APC polish / When use with Flat cleaver) >65dB (SM fiber APC polish / When use with Angled cleaver)
Operational Temperature	-40 - +85°
Pull test	<0.2dB, 4N load (0.125 fiber) < 0.2dB, 40N load (2.0/3.0mm)
Impact test	< 0.2dB, 1.5m, 10 repetitions
Durability test	< 0.2dB, 200 repetition of connecting/disconnecting
Vibrate test	< 0.2dB, 3 axes 2hr/axis, 1.5mm(peak-peak), 10 to 55Hz (45Hz/min)
Thermal Cycle test	< 0.2dB, -40 to 75 °C, 21 cycles for 168 hours (2.0/3.0mm cable)
humidity test	< 0.2dB, 90 to 95%RH, Temp75°C for 168hrs

ORDERING INFORMATION:

Part No.	236x20yzw			
Description:	Field Assembly Connector			
x, mode	1:MM 2:SM			
y, connector	1:SC/APC	4:LC/APC	6:SC/UPC	9:LC/UPC
z, diameter	3: 0.9mm(only for LC)		5: 2.0/3.0mm(only for SC)	
w, color	1: beige	4: blue	6: green	
Packing	200pcs/box, 2000pcs/carton			
	Carton dimension: 42 x 35 x 26 cm			

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