

Field Assembly Fiber Connector



Model Number : MCR- SM SC/APC 02

Application

Connect the FTTH indoor cable (flat drop cable).

Feature

Quick Assembly SC connector can provide quick and easy terminations of fibers in the field. It allows the installer to terminate and make connection in minutes at equipment and fiber patch panels. This connector system with features of high installation quality, high success rate and high reliability. Employ embedded fiber structure; the core part can be reused. Easy operation, do not need special training. Applicable to 2*3,2*1.6 cables.

Technical characteristic

- Insertion loss: Average ≤ 0.3 dB, max ≤ 0.5 dB.
- Return loss ≥ 50 dB.
- Operating band (full spectrum): 1260nm-1650nm
- Compatible with FO G652 B/D, G657 A1/A and FO G657 B3.
- Construction standard: Telcordia GR-1081, GR-326
- Comply with NTT – Nippon Telegraph and Telephone Corporation standards.

MCR GROUP, INC.

Technical data for Field Installable Connector

Model Number		MCR-SM SC/APC 02	
No.	Item	Content	Offered
1	Application scope	Cable	2.0x3.0mm drop cable
2		Type	SC/APC
3		Fiber coating diameter (μm)	250/900 μm
4	Application Fiber		G652B/D, G657A1/2
5	Temperature	Working temperature (°C)	-25°C~+80°C
6	Optical property	Insertion loss (dB)	Average ≤0.3 dB, max ≤0.5 dB
7		Return loss (dB)	≥50dB
8	Tensile strength at the cable end (N)		≥50N (2 min)
9	Others	Average operation time (S) (Not including fiber peeling and cleaning)	≤30s
10		Number of Reuses	≥500 times
11		Installation instruction/each page	Yes
12		Special tools	Card slot
13	Drop Low Friction Figure "8" Cable WITH Messenger		2 x 3.0 mm
	Micro Indoor Low Friction Figure "0" Cable WITHOUT Messenger		2 x 1.6 mm

Note:

1. Special auxiliary tools not including fiber cutter and wire stripper.
2. For 2.0x5.0mm Figure-8 Drop Cable, the messenger wire should be peeled off before the assembly. (The dimension is about 2.0*3.0mm after peeling off the messenger wire).

Production Line Display(clean room):

