

FC-31M-S/FC-31CM-S

OPTICAL SC-CONNECTOR WITH MULTI MODE FIBER

DESCRIPTION

The optical fiber connector is used for optical fiber connections and also connections of optical fiber and various components.

FEATURES

- Low coupling loss
- High reliability

OPTICAL CHARACTERISTICS

Items \ Type	FC-31M-SF	FC-31CM-SF	FC-31M-SB	FC-31CM-SB
Fiber	MMF (GI 50/125) φ 0.9	MMF (GI 50/125) φ 3code	MMF (GI 50/125) φ 0.9	MMF (GI 50/125) φ 3code
End surface of ferrule	Flat		Super PC	
Coupling loss	0.5dB Max.		0.25dB Max.	
Return loss	-		36dB Min.	

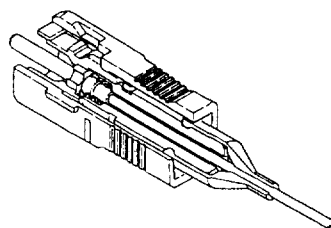
MECHANICAL CHARACTERISTICS

Items \ Type	FC-31M series MMF φ 0.9	FC-31CM series MMF φ 3code
Tensile strength	10N	98N
Number of times for connection	1,000 Min.	1,000 Min.
Storage temperature	- 40 ~ + 85 °C	- 40 ~ + 85 °C

Applicable standards : IEC 874-14/JIS C 5973

OUTLINE DIAGRAM

(Unit : mm)



FC-31M-S/FC-31CM-S

ORDERING INFORMATION

Fiber Type	
M	Multi mode fiber φ 0.9
CM	Multi mode fiber code φ 3

Plug Type	
S	SC plug

End surface of ferrule	
F	Flat
S	Super PC

Fiber Length	
mm : millimeter	
tolerance	
L ≤ 3000mm : Δ L = + 100 / - 0mm	
L > 3000mm : Δ L = + 0.1L / - 0mm	

FC-31M-SF