

Infinite Fiber

Field Assembly Optical Connector (SC FAOC)

Features:

- Compatible with conventional SC connector.
- No special tools are required. No polishing. No adhesive.
- Suitable for field termination of both fiber (250 μ m) and tight buffer fiber (900 μ m)
- Quick and easy fiber termination
- Can be re-assembled

Applications:

- Optical Cable Interconnection
- Telecommunications
- FTTX, GPON, NGN
- Fiber Distribution Frame



Specification:

Parameter	Unit	Value	
Fiber Type	-	SM : Single mode Fiber	
Connection Type	mm	250 μ m : fiber	
		900 μ m : Tight buffer fiber	
Adaptor Type	-	SC	
Ferrule Polishing Type	-	UPC	
Insertion Loss (Average)	dB	≤ 0.2	
Insertion Loss (Maximum)		0.5	
Return Loss (Average)		≥ 40	
Return Loss (Maximum)		50	
Tensile Strength (≤ 0.2 dB)	N	250 μ m	900 μ m
		3	9
Temperature Change (≤ 0.3 dB)	$^{\circ}$ C	-20 ~ +70	
No. of re-termination (Minimum)	times	3	

Ordering Information:

Part No.	Description	Remark
INF4128 – US0903	SC/UPC SM 0.9mm type FAOC	

(Remarks: Other connector types are available upon request)