

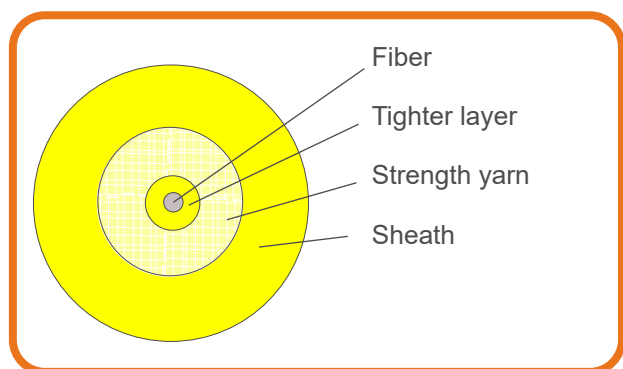


▪ SP-JSM/SA-SC-SC3



FEATURES:

- Widely used to connect the trunk cable wiring devices
- Suit for Single Mode cable
- High quality connectors
- Receive and transmit legs clearly indicated
- Low insertion loss, High return loss.
- Good repeatability, Mutual thrust performance
- Good temperature stability
- Conform to the IEC 874-7, TIA/EIA568 - B - 3 CECC86115-80 industry standards



PARAMETER:

Parameter	Unit	FC, SC, LC/ fiber patch cord				ST		
		SM			MM	SM		MM
		PC	UPC	APC	PC	PC	UPC	PC
Insertion Loss(typical)	dB	≤0.3	≤0.3	≤0.25	≤0.3	≤0.3	≤0.3	≤0.3
Return Loss	dB	≥ 45	≥ 50	≥ 60	≥ 30	≥ 45	≥ 50	≥ 30
Operating Wavelength	Ex-changeability	Vibration		Operating /Storage Temperature		Cable Diameter		
nm	dB	dB		°C		mm		
1310, 1510, 850	≤ 0.2	≤ 0.2		-40~75/-45~85		φ3.0, φ2.0, φ0.9		

ROHS





TIGHT BUFFER COLOR CODE:

FIBER	Tight Buffer Color Code		Outer Sheath
Single Mode	White	Yellow	Yellow
Multi-Mode	White	Orange	Orange
10Gigabit Multi-Mode	White	Aqua	Aqua

CABLE STRUCTURE SPECIFICATION:

Fiber count		1F
Tight Fiber	OD(mm):	0.85 $\pm$ 0.05
	Material :	PVC
Strength Number		Strength yarn
Sheath	Thickness(mm):	0.3 $\pm$ 0.05
	Material :	LSZH
OD of cable(mm)		1.6*3.2
Net weight (Kg/KM)		8
Maximum tensile (N)		50

SINGLE MODE FIBER PARAMETERS :

Items	UNITS	SPECIFICATION	
Fiber type		G652D	G657A
Attenuation	dB/km	≤ 0.4 at 1310nm ≤ 0.3 at 1550nm	
Chromatic Dispersion	ps/nm.km	≤ 3.5 at 1310nm ≤ 18 at 1550nm ≤ 22 at 1625nm	
Zero Dispersion Slope	ps/nm ² .km	≤ 0.092	

RoHS





Zero Dispersion Wavelength	nm	1300 ~ 1324	
Cut-off Wavelength (λ_{cc})	nm	≤ 1260	
Attenuation vs. Bending (60mm x100turns)	dB	(30mm radius, 100ring) $\leq 0.1 @ 1625\text{nm}$	(10mm radius, 1ring) $\leq 1.5 @ 1625\text{nm}$
Mode Field Diameter	μm	9.2 ± 0.4 at 1310nm	9.2 ± 0.4 at 1310nm
Core-Clad Concentricity	μm	≤ 0.5	≤ 0.5
Cladding Diameter	μm	125 ± 1	125 ± 1
Cladding Non-circularity	%	≤ 0.8	≤ 0.8
Coating Diameter	μm	245 ± 5	245 ± 5
Proof Test	Gpa	≥ 0.69	≥ 0.69

NOTE:

- 1.Paragraphs finished product size should meet the requirements;
- 2.All materials meet ROHS requirements
- 3.Here is the *M for key size(The distance between the connector dust cap on both ends.)

