PATCH CORD SC/UPC-SC/UPC SM SX SPECIFICATION

Feature

1. Loss optical performance to meet data center power budgets
2. IEC 61754 & EN 50377 standards compliant
3. RoHS compliant
4. 100% optical inspection and testing
5. Available in different lengths and colors

Application

1. High Bandwidth Ethernet and Fiber Channel
2. Storage Area Networks (SANS)
3. Data Center
4. CCTV and Security

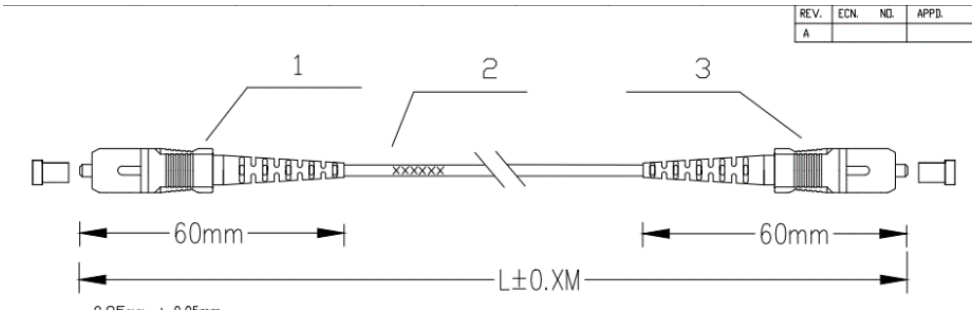
Optical performance

Type	Unit	Description			
Model	--	SM		M M	
Polish	（dB）	UPC	APC	UPC	PC
Insertion Loss	（dB）	≤0.2	≤0.2	≤0.3	≤0.3
Return Loss	（dB）	≥55	≥60	≥30	--
Cable Diameter	--	Φ3.0，Φ2.0，Φ1.6			

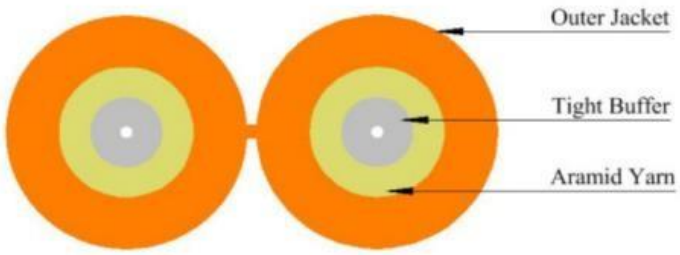
Geometry parameters (Optional)

Type	Unit	Description			
		PC		APC	
		SC	MU/LC	SC	MU/LC
Radius of curvature	(mm)	10-25	7-25	5-12	
Fiber Height	(nm)	+100/-100		+100/-100	
Apex offset	(nm)	Max 50		Max 50	
Angle(Degree)	(°)	--		8±0.5	

Product Drawing



Cable Structure



FIBER SPEC

No.	Items		Unit	Specification
				G.652D
1	Mode Field Diameter	1310nm	μm	8.8±0.4
		1550nm		9.8±0.5
2	Cladding Diameter		μm	125.0±0.7
3	Cladding Non-Circularity		%	≤0.7
4	Core-Cladding Concentricity Error		μm	≤0.5
5	Coating Diameter		μm	240±0.5
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		μm	<12.0
8	Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
9	Attenuation(max.)	1310nm	dB/km	≤0.35
		1550nm		≤0.21
10	Macro-Bending Loss	1turn×10mm radius @1550nm	dB	≤0.75
		1turn×10mm radius @1625nm	dB	≤1.5

CABLE SPEC

Items		Specifications
Fiber count		1
Tight buffer	Out diameter	0.85±0.05mm
	Material	PVC
	Color	Yellow
Cable	Out diameter	2.0±0.1
	Material	LSZH
	Color	Yellow