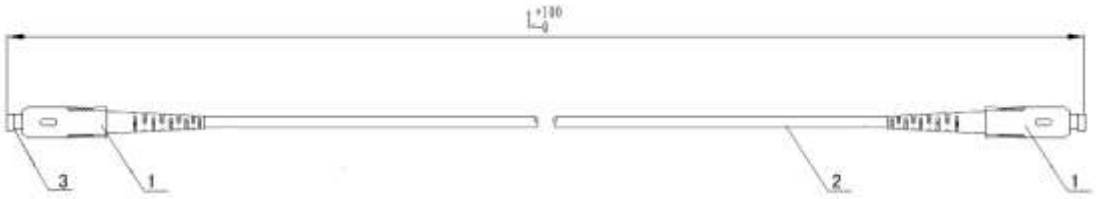
G.957B3 PA12 FIBER PATCH CORD SCAPC-SCAPC



Product Detail:

No	Name	Description	Quantity
1	Connector	Simplex SC connector, APC grade B, green body green boot	2
2	Fiber Cable	Single-Mode, G.657B3, 0.9mm, LSZH,	1
3	Dust Cap	Transparent dust cap on ferrule	2
4	Coat	nylon PA-12 (0.25mm)	

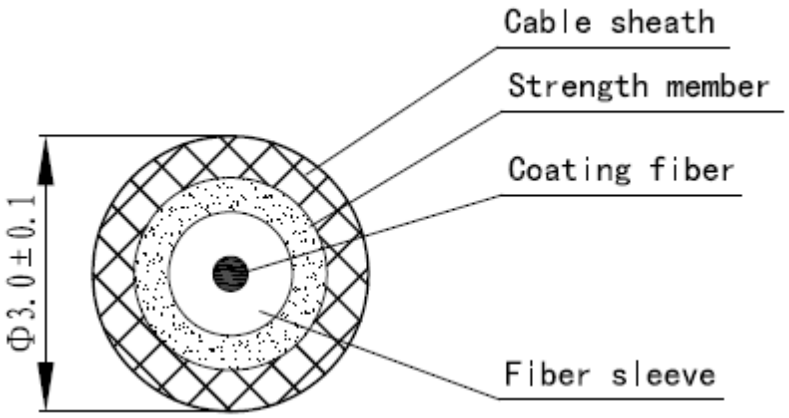
Length (m) Tolerances (mm)

L≤10 +100/0

10＜L≤50 +200/0

L＞100 +500/0

Description of the fiber cable:



Cable structure	
Structure	Cable breakout
Strength member	Aramid yarn
Fiber Type	G.657B3
Cable sheath	
Diameter	0.9 mm

Form	Circular
Material	LSZH
Thickness	≥0.4mm
External color	Yellow
Fiber sleeve	
Diameter	900μm±50μm
Structure	Tight buffer
Color	White

Description of the optical plugs:

Plug description

Connector type	SC/APC
Connector dimension	IEC 61754-4
Ferrule model	APC(cone),2.5mm diameter, Zirconia
Ferrule geometry	IEC 61755-3-2
Body color	Green
Boot color	Green
Dust Cap	transparent

Ferrule end face geometry

Item	Reference standard	Performance
Radius of curvature	IEC 61300-3-47	5mm to 12mm
Apex offset	IEC 61300-3-47	≤50μm
Fiber undercut	IEC 61300-3-47	-100nm~+50nm
APC angle	IEC 61300-3-47	8°±0.5°
Key error	IEC 61300-3-47	±0.5°

Connector coupling

Item	Reference standard	Performance
Ferrule compression force	IEC 61300-3-22	7N to12N
Engagement force for plug	IEC 61300-3-22	8N to 25N
Separation force for plug	IEC 61300-3-22	3N to20N

Other technical Data:

Item	Reference standard	Performance
Insertion Loss	IEC 61300-3-34 IEC 61753-2-1	Typical 0.25dB Random mated 0.50dB
Return Loss	IEC 61300-3-6 method1 IEC 61753-2-1	≥60dB
Crush	IEC 60794-1-21 method E3	
Tensile	IEC 61300-2-4	
Torsion	IEC 61300-2-5	
Vibrations	IEC 61300-2-1	
Static Bending	IEC 60794-1-2 method E11A	
Mechanical endurance	IEC 61300-2-2	
Resistance to fire	UTE C 32-071	
Operating Temperature	-40℃~+70℃	