

LWL-1-Faser-Patchkabel LC(APC)-SC(APC), 9/125u, OS2, G657A2, AD=2mm, LC mit flexibler Knickschutztülle, Synergy21



Hersteller-nummer	Länge in m	Hersteller-nummer	Länge in m
S217855	1,5	S217859	10,0
S217856	3,0	S217860	15,0
S217857	5,0	S217861	20,0
S217858	7,5		

Product features

- Low insertion loss and high return loss
- Excellent endface geometry parameter
- Special specification available upon customer's request.
- With bending protection for LC

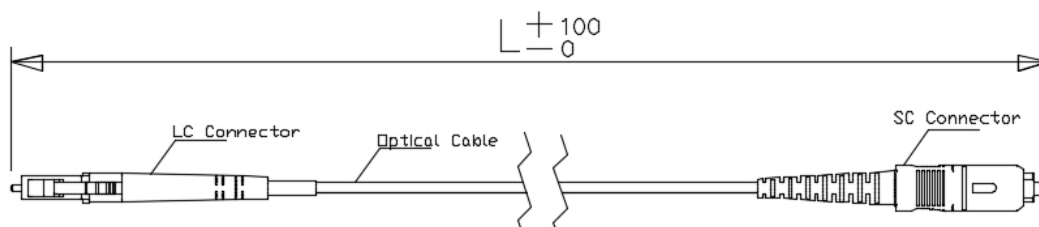
Applications

- Data transmission Networks
- Image transmission Networks
- CATV
- Optical test instrument
- Photoelectric automatic control system

Product Sketch Map

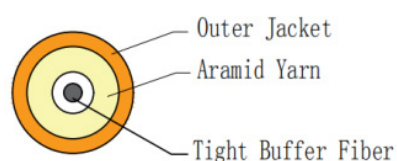
The patch cord

Remarks: Length "L" according to customer requirements



Product Sketch Map

The optical cable



Remarks: 1.Cable marking:OPTICAL FIBER CABLE SM G657A2 Simplex 2.0mm LSZH xxxx M
2.The fiber type and Sheathing material according to order request.

Optical Performance

Project	Spec.	Standard
Operating wavelength	1260~1650nm	
Attenuation	≤0.36dB/KM@1310nm ≤0.25dB/KM@1310nm	
Insertion loss	≤0.3dB	Follow GR326-CORE and IEC Standard
Return loss	≥50dB (UPC) ≥50dB (APC)	
Repeatability	≤0.1dB	
Interchangeability	≤0.2dB	

Material Characteristics

Project	Spec.	Standard
Fiber Typ	G657A2	
Cable Diameter	2.0 ±0.1mm	
Out of roundness	≤10%	Follow ROHS and IEC Standard
Cable Material	LSZH, PVC	
Cable Color	Yello	
Working temperature	-40°+85°C	

Environmental performance

Project	Test condition	Index	Monitoring proportion
High temperature	85°C, 96H	ΔIL≤0.2dB	Random monitoring of WIP 5pcs
Low temperature	-40°C, 96H	ΔIL≤0.2dB	
Loop	-40°~+85°C, 3.5H/Cycle, 40x loop	ΔIL≤0.2dB	
Hot and humid	110°C, 90%RH, 2 atmospheric pressure 96H	ΔIL≤0.2dB	
Immersion	43°C, PH5.5, 168H	ΔIL≤0.2dB	

Mechanical properties of products

Project	Test condition	Index	Monitoring proportion
To attack	1.8m, three axial, 8 times / axial	ΔIL≤0.2dB	Random monitoring of WIP 5pcs
Vibration	10 to 50HZ, 45 times /min, amplitude 0.75mm, three axial. Each axial 30min	ΔIL≤0.2dB	
Reverse	Distance machine 20 to 28cm, + 180 degrees, 6s/ times, 25 times	ΔIL≤0.2dB	
Tensile	The distance from the plug is 20 to 28cm, 1min, and the load is 40N	ΔIL≤0.2dB	