

LC/LC DUPLEX- EASYFIBER™ W/CORNING CLEARCURVE® - PATCH CABLE - 10G MULTIMODE OM4 50/125, LSZH EN50575 Dca-s1,d1,a1 - ERIKA VIOLET JACKET 1EA/BAG

**SCP PART#:
EFP-OM4LSZH-LCLC**

SCP-EasyFiber™ Multimode Patch Cables

SCP-EasyFiber™ Duplex Patch Cables - OM4 50/125 10G rated multimode featuring Corning® ClearCurve® provides substantially less signal loss and superior bend performance than traditional fiber patch cables.

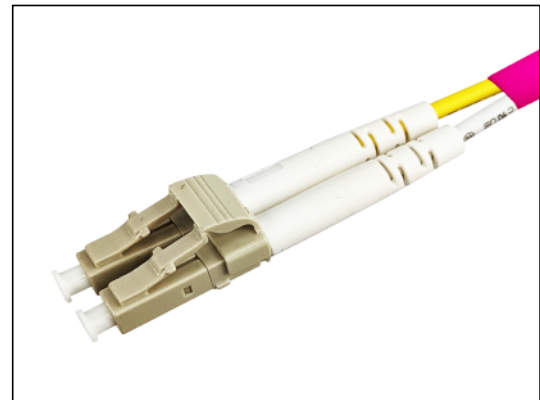
Specifications	
Fiber Count	Duplex (2 strands)
Outer Jacket	LSZH, Erika Violet color
Strength Member	Aramid Yarn
Internal Jacket	0.9mm Tight buffer
Outer Jacket Size	2mm x 2
Connector Type (End A)	Male duplex LC
Connector Type (End B)	Male duplex LC
Polish Type	UPC

Physical Characteristics	
Fiber Type	Multi mode OM4 50/125
Fiber Core Size	9µm
Fiber Make	Corning® ClearCurve®
Insertion Loss (dB)	≤0.25
Return Loss(dB)	≤0.45
Durability(Times)	≥600
Tensile strength(N)	≥55

Environmental	
Storage Temperature	-40°C to +70°C
Operating Temperature	-0°C to +70°C
Ratings	ROHS, IEC, TIA/EIA, NTT and JIS

Packaging			
Part #	Lenght	Weight	Dimensions
EFP-OM4LSZH-LCLC-1M	1 m	0.023k	21 x 28cm
EFP-OM4LSZH-LCLC-2M	2 m	0.029k	21 x 28cm
EFP-OM4LSZH-LCLC-3M	3 m	0.037k	21 x 28cm
EFP-OM4LSZH-LCLC-5M	5 m	0.049k	21 x 28cm
EFP-OM4LSZH-LCLC-7M	7 m	0.063k	21 x 28cm
EFP-OM4LSZH-LCLC-10M	10 m	0.083k	21 x 28cm
EFP-OM4LSZH-LCLC-15M	15 m	0.118k	21 x 28cm
EFP-OM4LSZH-LCLC-20M	20 m	0.151k	21 x 28cm

SCP-EasyFiber™



Optical Characteristics:

Corning Clear Curve® OM4 Multimode fiber

Characteristics	Conditions	Specified Values	Units
Geometrical characteristics			
Core diameter		50±2.5	um
Core non-circularity		≤5	%
Cladding diameter		125.0±1.0	um
Cladding non-circularity		≤1.5	%
Coating diameter		242±5	um
Coating/cladding concentricity error		<12	um
Core/cladding concentricity error		≤1.0	um
Optical characteristics			
Attenuation	850nm	2.3	dB/km
	1300nm	0.6	dB/km
Overfilled modal bandwidth	850nm	3500	MHz*km
	1300nm	500	MHz*km
Effective modal bandwidth@850nm		4700	MHz*km
Application support distance on			
10 gigabit ethernet S 850nm		300	m
1 gigabit ethernet SX 850nm		1000	m
40 &100 gigabit ethernet S 850nm		140	m
Numerical Aperture		0.2±0.015	
Group index of refraction	850nm	1.482	
	1300nm	1.477	
Zero dispersion wavelength		1295~1315	
Zero dispersion slope	1295nm≤λ0≤1315nm	≤0.101	ps/(nm ² *km)
Macro bending induced loss	850nm	≤0.05	dB
100 Turns @37.5mm Radius	1300nm	≤0.15	dB
2 turns @15mm Radius	850nm	≤0.1	dB
	1300nm	≤0.3	dB
2 turns @7.5mm Radius	850nm	≤0.2	dB
	1300nm	≤0.5	dB
Environmental characteristics	850nm&1300nm		
Temperature cycling	-60°C to +85°C	≤0.10	dB/km
Temperature-humidity cycling	-10°C to +85°C	≤0.10	dB/km
Water immersion	23°C, 30 days	≤0.20	dB/km

Cable Jacket Marking :STRUCTURED CABLE PRODUCTS --- EFP-OM4LSZH-LCLC --- SCP-EASYFIBER™ LC/LC DUPLEX OM4
50/125 2.0MM CORNING® CLEARCURVE® LSZH EN50575 Dca-s1,d1,a1