

LC/LC DUPLEX- EASYFIBER™ W/CORNING SMF-28 ULTRA® - PATCH CABLE - SINGLE MODE OS2 9/125 - LSZH EN50575 Dca-s1,d1,a1,YELLOW JACKET
 1EA/BAG

**SCP PART#:
 EFP-OS2LSZH-LCLC**

SCP-EasyFiber™ Single Mode Patch Cables

SCP-EasyFiber™ featuring Corning® SMF-28® Ultra provides substantially less signal loss and superior bend performance than traditional fiber patch cables.

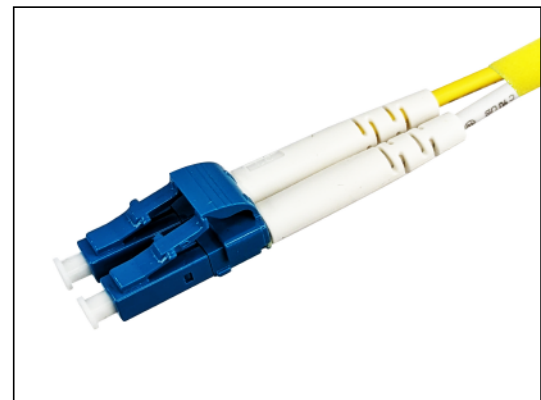
Specifications	
Fiber Count	Duplex (2 strands)
Outer Jacket	LSZH, Yellow color
Strength Member	Aramid Yarn
Internal Jacket	0.9mm Tight buffer
Outer Jacket Size	2mm x 2
Connector Type (End A)	Male duplex LC
Connector Type (End B)	Male duplex LC
Polish Type	UPC

Physical Characteristics	
Fiber Type	Single Mode OS2 9/125
Fiber Core Size	9µm
Fiber Make	Corning® SMF-28® Ultra
Insertion Loss (dB)	≤0.25
Return Loss(dB)	≤0.50
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-OS2LSZH-LCLC-1M	1 m	0.023k	21 x 28cm
EFP-OS2LSZH-LCLC-2M	2 m	0.029k	21 x 28cm
EFP-OS2LSZH-LCLC-3M	3 m	0.037k	21 x 28cm
EFP-OS2LSZH-LCLC-5M	5 m	0.049k	21 x 28cm
EFP-OS2LSZH-LCLC-7M	7 m	0.063k	21 x 28cm
EFP-OS2LSZH-LCLC-10M	10 m	0.083k	21 x 28cm
EFP-OS2LSZH-LCLC-15M	15 m	0.118k	21 x 28cm
EFP-OS2LSZH-LCLC-20M	20 m	0.151k	21 x 28cm

SCP-EasyFiber™



Optical Characteristics: Corning SMF-28® Ultra

Characteristics	Conditions	Specified Values	Units
Geometrical characteristics			
Cladding diameter		125.0±1.0	um
Cladding non-circularity		≤0.7	%
Coating diameter		242±5	um
Coating/cladding concentricity error		<12	um
Core/cladding concentricity error		≤0.5	um
Optical characteristics			
Attenuation	1310nm	≤0.32	dB/km
	1383nm	≤0.32	dB/km
	1490nm	≤0.21	dB/km
	1550nm	≤0.18	dB/km
	1625nm	≤0.20	dB/km
Attenuation vs. Wavelength max. A difference	1285~1330nm	≤0.03	dB/km
	1525~1575nm	≤0.02	dB/km
Zero dispersion wavelength		1304~1324	nm
Zero dispersion slope		≤0.092	ps/(nm ² *km)
Polarization mode dispersion			
PMD maximum individual fibre		≤0.1	ps/km ^{1/2}
PMD design link value		≤0.04	ps/km ^{1/2}
Cable cut off wavelength		≤1260	nm
Mode field diameter	1310nm	8.8~9.6	um
	1550nm	9.9~10.9	um
Group index of refraction	1310nm	1.4691	
	1550nm	1.4696	
Environmental characteristics	1310nm、1550nm&1625nm		
Temperature cycling	-60℃ to +85℃	≤0.05	dB/km
Temperature-humidity cycling	-10℃ to +85℃, 4% to 98% RH	≤0.05	dB/km
Water immersion	23℃, 30 days	≤0.05	dB/km
Dry heat	85℃, 30 days	≤0.05	dB/km
Damp heat	85℃, 85%RH, 30 days	≤0.05	dB/km
Mechanical specification			
Proof test		≥100	Kpsi
Macro bending induced loss			
1Turns @10mm Radius	1550nm	≤0.5	dB
1Turns @10mm Radius	1625nm	≤1.5	dB
10Turns @15mm Radius	1550nm	≤0.05	dB
10Turns @15mm Radius	1625nm	≤0.30	dB
100Turns @25mm Radius	1310&1550&1625 nm	≤0.01	dB
Dynamic stress corrosion susceptibility parameter		20	

Cable Jacket Marking :

STRUCTURED CABLE PRODUCTS --- EFP-OS2LSZH-LCLC --- SCP-EASYFIBER™ LC/LC DUPLEX OS2
9/125 2.0MM CORNING® SMF-28 ULTRA® LSZH EN50575 Dca-s1,d1,a1