

MPO/MPO (f/f) EasyFiber Patch Cable. 8 Strand OM3 50/125 SCP EasyFiber™ w/Corning® ClearCurve®, UL OFNP Plenum, Indoor/Outdoor Dbl. Jkt-Aqua

**SCP PART#:
EFP-998-P**

SCP-EasyFiber™ Multi-Mode Patch Cables

SCP-EasyFiber™ Duplex Patch Cables - OM3 50/125 100G rated multimode featuring Corning® ClearCurve® provides substantially less signal loss and superior bend performance than traditional ber patch cables.

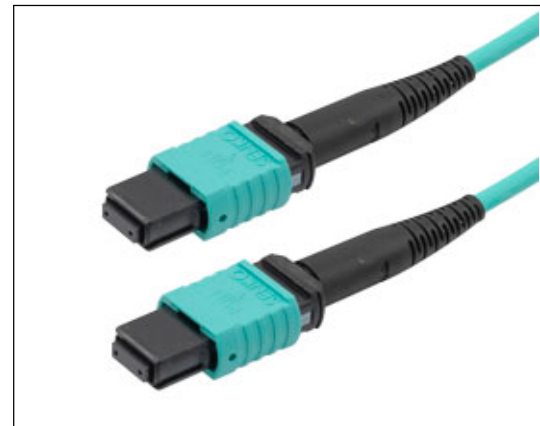
Specifications	
Fiber Count	8 strands
Outer Jacket	Plenum, Aqua Color
Strength Member	Aramid Yarn
Internal Jacket	0.9mm Tight buffer
Outer Jacket Size	4mm
Connector Type (End A)	Female MPO/UPC/12C
Connector Type (End B)	Female MPO/UPC/12C
Polarity	Type A

Physical Characteristics	
Fiber Type	Multi mode OM3 50/125
Fiber Core Size	9µm
Fiber Make	Corning® ClearCurve®
Insertion Loss (dB)	≤ 0.7dB
Return Loss(dB)	≥ 20dB
Durability(Times)	≥600
Tensile strength(N)	850nm

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	Packaging	Dimensions
EFP-998-P-15	15 FT	Bag	8.2 x 11in
EFP-998-P-25	25 FT	Bag	8.2 x 11in
EFP-998-P-50	50 FT	Bag	8.2 x 11in
EFP-998-P-100	100 FT	Plastic Reel	7.9 x 4.3in
EFP-998-P-200	200 FT	Plastic Reel	7.9 x 4.3in
EFP-998-P-300	300 FT	Plastic Reel	7.9 x 4.3in

SCP-EasyFiber™



Optical Characteristics:
 Corning Clear Curve® OM3 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	1500	MHz*km
	1300nm	500	MHz*km
Effective modal bandwidth@850nm		2000	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/(nm2*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-998-P --- MPO/MPO Double Jacket 10G OM3 Multimode Ultra Bendable SCP-EASYFIBER™ w/Corning® Clearcurve® UL E329066 Indoor/Outdoor UV Sun Res OM3 Position 1 50/125 4.0MM 8 Strand OFNP RoHS 12/23 0000feet