

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

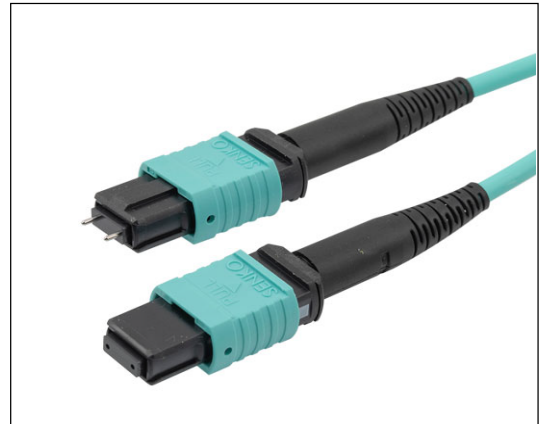
**SCP PART#:  
EFP-998MF-P**

**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.

**SCP-EasyFiber™**

| 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) | Male 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-998MF-P-6FT | 6FT    | Bag       | 8.2 x 11in |
| EFP-998MF-P-15  | 15FT   | Bag       | 8.2 x 11in |

**Optical Characteristics:**  
 Corning Clear Curve® OM3 Multimode fiber

| Characteristics                        | Conditions       | Specified Values | Units       |
|--|------------------|------------------|-------------|
| <b>Geometrical characteristics</b>     |                  |                  |             |
| 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          |
| <b>Optical characteristics</b>         |                  |                  |             |
| 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      |
| <b>Application support distance on</b> |                  |                  |             |
| 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