

Category	Outdoor Fiber Solutions - FiberTough™																								
Specification	IP68 MPO & LC Assemblies																								
Parameters	<p>Connector Type :</p> <ul style="list-style-type: none"> • Duplex LC • 12-Fiber Standard MPO • 12-Fiber Low Loss MPO <p>Boot Type :</p> <ul style="list-style-type: none"> • Regular Boot (Overall length of connector plug : 108mm) • Short Boot (Overall length of connector plug : 57mm) <p>Receptacle Flange Type :</p> <ul style="list-style-type: none"> • Hexagon Flange • Square Flange <p>Fiber Count Options :</p> <ul style="list-style-type: none"> • 2-Fiber (for LC) • 12-Fiber (for MPO) <p>Available Fiber Mode :</p> <ul style="list-style-type: none"> • Singlemode (OS 1/2) • Multimode (OM1, OM2, OM3, OM4) <p>Optical Performance :</p> <table border="1" data-bbox="411 1219 1253 1680"> <thead> <tr> <th colspan="2" style="text-align: center;">Parameters</th> <th style="text-align: center;">Insertion Loss</th> <th style="text-align: center;">Return Loss</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="text-align: center;">Standard LC</td> <td style="text-align: center;">Singlemode</td> <td rowspan="2" style="text-align: center;">≤ 0.30dB (Typical - 0.10dB)</td> <td style="text-align: center;">UPC ≥ 55dB</td> </tr> <tr> <td style="text-align: center;">Multimode</td> <td style="text-align: center;">PC ≥ 25dB</td> </tr> <tr> <td rowspan="2" style="text-align: center;">Standard MPO</td> <td style="text-align: center;">Singlemode</td> <td rowspan="2" style="text-align: center;">≤ 0.75dB (Typical - 0.25dB)</td> <td style="text-align: center;">UPC ≥ 60dB</td> </tr> <tr> <td style="text-align: center;">Multimode</td> <td style="text-align: center;">PC ≥ 20dB</td> </tr> <tr> <td rowspan="2" style="text-align: center;">Low Loss MPO</td> <td style="text-align: center;">Singlemode</td> <td rowspan="2" style="text-align: center;">≤ 0.35dB (Typical - 0.10dB)</td> <td style="text-align: center;">UPC ≥ 60dB</td> </tr> <tr> <td style="text-align: center;">Multimode</td> <td style="text-align: center;">PC ≥ 20dB</td> </tr> </tbody> </table>			Parameters		Insertion Loss	Return Loss	Standard LC	Singlemode	≤ 0.30dB (Typical - 0.10dB)	UPC ≥ 55dB	Multimode	PC ≥ 25dB	Standard MPO	Singlemode	≤ 0.75dB (Typical - 0.25dB)	UPC ≥ 60dB	Multimode	PC ≥ 20dB	Low Loss MPO	Singlemode	≤ 0.35dB (Typical - 0.10dB)	UPC ≥ 60dB	Multimode	PC ≥ 20dB
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Specification	IP68 MPO & LC Assemblies
Parameters	Ingress Protection : IP 68 Mating Mechanism : Bayonet Mechanical Performance : Straight pulling force 25Kgs Mating Durability : 500 mating cycles Operating Temperature : -40°C to +70°C Compliance: RoHS , Telcordia GR-326-CORE and TIA/EIA standard

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