

Category	MPO Plug-and-Play System																						
Specification	MPO Trunk Assemblies																						
Parameters	<p>Cable Type :</p> <ul style="list-style-type: none"> • Mini-Core Plenum (OFNP) • Mini-Core Riser (OFNR) • Mini-Core Low Smoke Zero Halogen (LSZH) <p>Connector Type :</p> <ul style="list-style-type: none"> • 12-Fiber Standard MPO Pinned* or Non-pinned* • 24-Fiber Standard MPO Pinned or Non-pinned • 12-Fiber Low Loss MPO Pinned or Non-pinned • 24-Fiber Low Loss MPO Pinned or Non-pinned <p>* Pinned refers to “Male”, non-pinned refers to “Female”</p> <p>Fiber Count Options : 12- / 24- / 36- / 48- / 72- / 96- / 144-Fiber</p> <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" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: center;">Type Parameters</th> <th colspan="2" style="text-align: center;">Standard MPO</th> <th colspan="2" style="text-align: center;">Low Loss MPO</th> </tr> <tr> <th style="text-align: center;">Singlemode @1310nm</th> <th style="text-align: center;">Multimode @850nm</th> <th style="text-align: center;">Singlemode @1310nm</th> <th style="text-align: center;">Multimode @850nm</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Insertion Loss</td> <td style="text-align: center;">≤ 0.75dB Typical 0.25 dB</td> <td style="text-align: center;">≤ 0.6dB Typical 0.25 dB</td> <td style="text-align: center;">≤ 0.35dB Typical 0.10 dB</td> <td style="text-align: center;">≤ 0.35dB Typical 0.10 dB</td> </tr> <tr> <td style="text-align: center;">Return Loss</td> <td style="text-align: center;">≥ 50dB</td> <td style="text-align: center;">≥ 20dB</td> <td style="text-align: center;">≥ 55dB</td> <td style="text-align: center;">≥ 20dB</td> </tr> </tbody> </table> <p>Operating Temperature : -40°C to +80°C</p> <p>Options for Polarity :</p> <ul style="list-style-type: none"> • Straight Polarity (Standard) • Cross Polarity • Pair Flip polarity <p>Compliance: RoHS , Telcordia GR-326-CORE</p> <p>Optional Item : Pulling grips</p>				Type Parameters	Standard MPO		Low Loss MPO		Singlemode @1310nm	Multimode @850nm	Singlemode @1310nm	Multimode @850nm	Insertion Loss	≤ 0.75dB Typical 0.25 dB	≤ 0.6dB Typical 0.25 dB	≤ 0.35dB Typical 0.10 dB	≤ 0.35dB Typical 0.10 dB	Return Loss	≥ 50dB	≥ 20dB	≥ 55dB	≥ 20dB
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Specifications are subject to change without notice.