

Product Name	Part No
400G/800G 16 Fiber Mpo Break-Out Cable With Mpo Female And 8 X Lc/Pc Duplex Om5 Multimode Green Color (Ofnp) Low Loss Plenum Cable	JTMPM516OMOSFLCPXX

Description

400G/800G 16 Fiber Mpo Break-Out Cable With Mpo Female And 8 X Lc/Pc Duplex Om5 Multimode Green Color (Ofnp) Low Loss Plenum Cable

MPO breakout cable allows the redistribution of various optical fibers to individual devices without additional networking equipment. JTOPTICS MPO harness cables reduce the overall cost and setup time for complex high-density networking and used in data center, telecom and backbone application for 40G / 100G /400G / 400G connectivity. OM5 fibers are 100% standards compliant meeting all OM3 and OM4 specifications, with an additional requirement for Differential Mode Delay (DMD) that compensates for modal and chromatic dispersion. And they include additional bandwidth characterization at 953 nm to support extended distances when using SWDM. OM5 fibers apply to data centers which require quick infrastructure deployment with extended reach that want to maintain bandwidth throughout the infrastructure. 16 Fiber MPO trunk patch cord assemblies are used to interconnect QSFP-DD and QSFP-DD800 transceivers. QSFP-DD to 8 x SFP-56 and QSFP-DD800 to QSFP-28 with SR8 Transceiver Modules.

FEATURES	<ul style="list-style-type: none"> - Lower Insertion Loss & Higher Performance - Complied to ANSI/TIA-568-C.3, IEEE 802.3ba and adheres to ANSI/TIA-942 - Low IL and stable signal transmission ensuring your network safety - OM5 wideband multimode fiber (WBMMF) is fully backwards compatible with OM3 and OM4 - High-quality MPO connectors and guaranteed by 3D interferometer - 100% factory tested
APPLICATIONS	<ul style="list-style-type: none"> - QSFP-DD to SFP56 Connection - QSFP-DD800 to QSFP-28 - 400G to 50G Interconnection - 800G to 100G Interconnection

Connector A:	MPO Female (16 Fiber)
Cable Jacket:	Plenum (OFNP)
MPO Connector IL:	0.7dB Max
Wavelength:	850/1300nm

MPO Connector RL:	≥30dB
Jacket OD:	3.0mm
Fiber Count:	16 Fibers
Installation Tensile Load:	100 N
Operating Temp Range:	-10°C to +70°C
Fiber Mode:	OM5 50/125μm
Connector Make:	JTOPTICS / NISSIN
Connector B:	8 X LC PC Duplex
LC Connector IL:	≤0.3dB
Storage Temp Range:	-40°C to +85°C
LC Connector RL:	≥25dB
Fan-Out Diameter:	2.0mm
Long-Term Tensile Load:	50 N
Connector Quality:	Standard



