MPO/MTP® Fiber Optic Cable Assemblies
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Rosenberger North America manufactures MPO/MTP® fiber optic cable assemblies, in both single-mode or multi-mode configurations. The densities afforded by the MPO/MTP® patch cord configuration offer high density fiber optic interconnects. Rosenberger’s world-wide presence with manufacturing facilities around the world, and technical prowess in interconnect technology with engineering facilities in Europe, North America, South America, and Asia, enable Rosenberger to be a truly best-in-class fiber optic cable assembly supplier. In addition to our manufacturing, test, measurement and inspection capabilities, we are driven to supply customer specific solutions ranging from advanced, customer driven and technological interconnects as well as innovative supply chain solutions such as Kanban, Blanket ordering and distribution solutions.

Applications:
- Local Area Network (LAN) jumpers & Pre-Connect harnesses
- Storage Area Networks: Jumpers & Pre-Connect harnesses
- Instrumentation & Measurement
- Telecommunications
- Data Center
- MPO/MTP® to LC, SC break-out assemblies
- Build-to-print assemblies
- Outdoor & harsh environment style assemblies available

Available in 4, 8, 12, 16, 24 & 32 fiber, other configurations available, please consult factory.
- Multimode 50/125 (OM3 & OM4 configurations)
- Multimode 62.5/125
- Singlemode 9/125
- Finishes: UPC, APC
- Long, easy to label and strong pull tabs (where applicable)

Other options including kitting with other fiber optic jumper products, Radio Frequency (RF) and copper cable assemblies.

Assembly data:
- Fiber optic test wavelengths: 850/1300 nm, 1310/1550 nm, other: please consult factory
- Tests available: Return Loss (RL), Insertion Loss (IL), polish geometry, full visual inspection
- Test styles available: Lot/AQL
- Pull strength /Strain relief (tension): 70 N (15.5 Lbs)
- Temperature range: -40 to +70 degrees C, (-40 –158 F) other upon request

General connector data:
- Return Loss (dB min): -24 dB (Multimode, PC finish), -55 (Singlemode, APC finish)
- Mating Cycles: 1000
- Connector Body Colors: Green (Singlemode APC), Aqua Multimode (50 μ Core, 10G), Beige (62.5 μ Core)

Please consult factory for ordering information.