

## CMX-OCMTPS Datasheet

The Complex CMX-OCMTPS is a series of outdoor-rated 12-channel MTP cables designed for repeated field deployments. This series features Neutrik opticalCON MTP connectors for exceptional protection against dirt and dust and a flexible, tight-buffered tactical cable with internal aramid strength members for crust resistance and polyurethane outer sheath.

### Features:

- Outdoor field deployable
- Low insertion loss and optimized optical return loss values
- Space-saving multi-fiber design reduces cleaning and mating time
- Neutrik opticalCON MTP connectors- lockable & waterproof caps with hinged dust covers
- IP65-rated in mated condition

### Specifications:

- **Fiber Type:** Single Mode
- **Core diameter:** 9  $\mu\text{m}$
- **Cladding diameter:** 125  $\mu\text{m}$
- **Number of fibers:** 12
- **Overall diameter:** 0.32in (8.2 mm)
- **Cable Retention:** 500 N
- **Insertion force:** < 45 N
- **Withdrawal force:** < 45 N
- **Lifetime:** 2500 mating cycles
- **Insertion loss:** < 0.9 dB / connection
- **Cable retention:** Aramid yarn

