

QuickNet™ MTP* Fiber Optic Cassettes

- Compatible with Opticom® QuickNet™ Rack Mount Fiber Cassette Enclosures on page C.54, Opticom® Zero RU Cable Management Solutions on page C.57, and Opticom® Wall Mount Enclosures on page C.60, for up to 96 fiber connections in 1RU
- Low insertion loss of 0.5dB max. per optimized cassette and 1.0dB max. per standard cassette; ensures system meets IEEE 802.3ae max. channel loss specification of <2.6dB
- Return loss: ≥26dB (10Gig™ multimode), ≥20dB (multimode), ≥55dB (singlemode)
- Adapter housing colors follow TIA/EIA-568-C.3 suggested color identification scheme
- Connect together with high-density female MTP* cable assemblies as interconnecting network segments for deploying a remote or data center location in minutes
- Significantly reduce installation time and labor by eliminating field connector terminations
- Factory terminated, assembled, and 100% tested
- Insertion loss data provided on every fiber cassette
- Return loss data provided on all singlemode fiber cassettes
- Lifetime traceability of test data to a Q.C. number on each fiber cassette
- 10Gig™ OM3 50/125µm Fiber Cassettes are tested per IEEE 802.3ae 10 GbE to support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters and up to 550 meters for OM4 at 850nm; backward compatible with all 50/125µm (OM2) MPO or MTP* system requirements



FCXO-24-10Y



FCXO-12-3SY



FCXO-12-3Y

| Part Number | Part Description | Std. Pkg. Qty. | Std. Ctn. Qty. |
|--|---|----------------|----------------|
| Optimized 10Gig™ 50/125µm (OM4) Multimode MTP* Cassettes | | | |
| FCZO-12-10Y | Optimized OM4 10Gig™ QuickNet™ six LC duplex adapters to one male MTP* connector. Method A. | 1 | 10 |
| FCZO-12-10BY | Optimized OM4 10Gig™ QuickNet™ six LC duplex adapters to one male MTP* connector. Modified Method A – pair flipped wiring scheme. | 1 | 10 |
| FCZO-24-10Y | Optimized OM4 10Gig™ QuickNet™ twelve LC duplex adapters to two male MTP* connectors. Method A. | 1 | 10 |
| FCZO-24-10BY | Optimized OM4 10Gig™ QuickNet™ twelve LC duplex adapters to two male MTP* connectors. Modified Method A – pair flipped wiring scheme. | 1 | 10 |
| FCZO-12-3Y | Optimized OM4 10Gig™ QuickNet™ six SC duplex adapters to one male MTP* connector. Method A. | 1 | 10 |
| Optimized 10Gig™ 50/125µm (OM3) Multimode SFQ Series MTP* Cassettes | | | |
| FCXO-12-10Y | Optimized OM3 10Gig™ 50/125µm six LC duplex adapters to one male 12-fiber pre-terminated MTP*connector. | 1 | 10 |
| FCXO-12-10BY | Optimized OM3 10Gig™ QuickNet™ six LC duplex adapters to one male MTP* connector. Modified Method A – pair flipped wiring scheme. | 1 | 10 |
| FCXO-24-10Y | Optimized OM3 10Gig™ 50/125µm twelve LC duplex adapters to two male 12-fiber pre-terminated MTP*connectors. | 1 | 10 |
| FCXO-24-10BY | Optimized OM3 10Gig™ QuickNet™ twelve LC duplex adapters to two male MTP* connectors. Modified Method A – pair flipped wiring scheme. | 1 | 10 |
| FCXO-12-3Y | Optimized OM3 10Gig™ 50/125µm six SC duplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |
| 10Gig™ 50/125µm (OM4) Multimode MTP* Cassettes | | | |
| FCZ-12-10Y | OM4 10Gig™ QuickNet™ six LC duplex adapters to one male MTP* connector. Method A. | 1 | 10 |
| FCZ-12-10BY | OM4 10Gig™ QuickNet™ six LC duplex adapters to one male MTP* connector. Modified Method A – pair flipped wiring scheme. | 1 | 10 |
| FCZ-24-10Y | OM4 10Gig™ QuickNet™ twelve LC duplex adapters to two male MTP* connectors. Method A. | 1 | 10 |
| FCZ-24-10BY | OM4 10Gig™ QuickNet™ twelve LC duplex adapters to two male MTP* connectors. Modified Method A – pair flipped wiring scheme. | 1 | 10 |
| FCZ-12-3Y | OM4 10Gig™ QuickNet™ six SC duplex adapters to one male MTP* connector. Method A. | 1 | 10 |

For MTP* Connector Cleaning Tools, see page C.109.

*MTP is a registered trademark of US Conec Ltd.

Table continues on page C.48

QuickNet™ MTP* Fiber Optic Cassettes (continued)**FC6-12-10Y****FC6-24-10Y**

| Part Number | Part Description | Std. Pkg. Qty. | Std. Ctn. Qty. |
|--|--|----------------|----------------|
| 10Gig™ 50/125µm (OM3) Multimode SFQ Series MTP* Cassettes | | | |
| FCX-12-10Y | OM3 10Gig™ 50/125µm six LC duplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |
| FCX-12-10BY | OM3 10Gig™ QuickNet™ six LC duplex adapters to two male MTP* connectors. Modified Method B, pair flipped wiring scheme. | 1 | 10 |
| FCX-24-10Y | OM3 10Gig™ 50/125µm twelve LC duplex adapters to two male 12-fiber pre-terminated MTP* connectors. | 1 | 10 |
| FCX-24-10BY | OM3 10Gig™ QuickNet™ twelve LC duplex adapters to two male MTP* connectors. Modified Method B, pair flipped wiring scheme. | 1 | 10 |
| FCX-12-3SY | OM3 10Gig™ 50/125µm six SC simplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |
| FCX-12-3Y | OM3 10Gig™ 50/125µm six SC duplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |
| 50/125µm (OM2) Multimode MTP* Cassettes | | | |
| FC5-12-10Y | OM2 50/125µm six LC duplex adapters to one male MTP*; 12-fiber pre-terminated MTP* cassette provides low insertion loss of 1.0dB max. per fiber. | 1 | 10 |
| FC5-24-10Y | OM2 50/125µm twelve LC duplex adapters to two male 12-fiber pre-terminated MTP* connectors. | 1 | 10 |
| FC5-12-3SY | OM2 50/125µm twelve SC simplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |
| FC5-12-3Y | OM2 50/125µm six SC simplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |
| 62.5/125µm (OM1) Multimode MTP* Cassettes | | | |
| FC6-12-10Y | OM1 62.5/125µm six LC duplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |
| FC6-24-10Y | OM1 62.5/125µm twelve LC duplex adapters to two male 12-fiber pre-terminated MTP* connectors. | 1 | 10 |
| FC6-12-3SY | OM1 62.5/125µm twelve SC duplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |
| FC6-12-3Y | OM1 62.5/125µm six SC duplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |
| FC6-6-3 | OM1 62.5/125µm three SC duplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |
| 9/125µm (OS1/OS2) Singlemode MTP* Cassettes | | | |
| FC9-12-10Y | OS1/OS2 Singlemode six LC duplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |
| FC9-24-10Y | OS1/OS2 Singlemode twelve LC duplex adapters to two male 12-fiber pre-terminated MTP* connectors. | 1 | 10 |
| FC9-12-3SY | OS1/OS2 Singlemode six SC duplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |
| FC9-12-3Y | OS1/OS2 Singlemode six SC duplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |
| FC9-6-3 | OS1/OS2 Singlemode three SC duplex adapters to one male 12-fiber pre-terminated MTP* connector. | 1 | 10 |

For MTP* Connector Cleaning Tools, see page C.107.

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