

### 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.
<b>Optimized 10Gig™ 50/125µm (OM4) Multimode MTP* Cassettes</b>			
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
<b>Optimized 10Gig™ 50/125µm (OM3) Multimode SFQ Series MTP* Cassettes</b>			
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
<b>10Gig™ 50/125µm (OM4) Multimode MTP* Cassettes</b>			
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.
<b>10Gig™ 50/125µm (OM3) Multimode SFQ Series MTP* Cassettes</b>			
<b>FCX-12-10Y</b>	OM3 10Gig™ 50/125µm six LC duplex adapters to one male 12-fiber pre-terminated MTP* connector.	1	10
<b>FCX-12-10BY</b>	OM3 10Gig™ QuickNet™ six LC duplex adapters to two male MTP* connectors. Modified Method B, pair flipped wiring scheme.	1	10
<b>FCX-24-10Y</b>	OM3 10Gig™ 50/125µm twelve LC duplex adapters to two male 12-fiber pre-terminated MTP* connectors.	1	10
<b>FCX-24-10BY</b>	OM3 10Gig™ QuickNet™ twelve LC duplex adapters to two male MTP* connectors. Modified Method B, pair flipped wiring scheme.	1	10
<b>FCX-12-3SY</b>	OM3 10Gig™ 50/125µm six SC simplex adapters to one male 12-fiber pre-terminated MTP* connector.	1	10
<b>FCX-12-3Y</b>	OM3 10Gig™ 50/125µm six SC duplex adapters to one male 12-fiber pre-terminated MTP* connector.	1	10
<b>50/125µm (OM2) Multimode MTP* Cassettes</b>			
<b>FC5-12-10Y</b>	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
<b>FC5-24-10Y</b>	OM2 50/125µm twelve LC duplex adapters to two male 12-fiber pre-terminated MTP* connectors.	1	10
<b>FC5-12-3SY</b>	OM2 50/125µm twelve SC simplex adapters to one male 12-fiber pre-terminated MTP* connector.	1	10
<b>FC5-12-3Y</b>	OM2 50/125µm six SC simplex adapters to one male 12-fiber pre-terminated MTP* connector.	1	10
<b>62.5/125µm (OM1) Multimode MTP* Cassettes</b>			
<b>FC6-12-10Y</b>	OM1 62.5/125µm six LC duplex adapters to one male 12-fiber pre-terminated MTP* connector.	1	10
<b>FC6-24-10Y</b>	OM1 62.5/125µm twelve LC duplex adapters to two male 12-fiber pre-terminated MTP* connectors.	1	10
<b>FC6-12-3SY</b>	OM1 62.5/125µm twelve SC duplex adapters to one male 12-fiber pre-terminated MTP* connector.	1	10
<b>FC6-12-3Y</b>	OM1 62.5/125µm six SC duplex adapters to one male 12-fiber pre-terminated MTP* connector.	1	10
<b>FC6-6-3</b>	OM1 62.5/125µm three SC duplex adapters to one male 12-fiber pre-terminated MTP* connector.	1	10
<b>9/125µm (OS1/OS2) Singlemode MTP* Cassettes</b>			
<b>FC9-12-10Y</b>	OS1/OS2 Singlemode six LC duplex adapters to one male 12-fiber pre-terminated MTP* connector.	1	10
<b>FC9-24-10Y</b>	OS1/OS2 Singlemode twelve LC duplex adapters to two male 12-fiber pre-terminated MTP* connectors.	1	10
<b>FC9-12-3SY</b>	OS1/OS2 Singlemode six SC duplex adapters to one male 12-fiber pre-terminated MTP* connector.	1	10
<b>FC9-12-3Y</b>	OS1/OS2 Singlemode six SC duplex adapters to one male 12-fiber pre-terminated MTP* connector.	1	10
<b>FC9-6-3</b>	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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