



MTP Conversion Module

When used in parallel applications that utilize 8 fibers (4 TX and 4 RX lanes), conventional 12 fiber MTP/MPO cables waste 1/3rd of the fibers in the cable plant. To overcome this, Opticonx recommends the use of Xtreme12 Conversion Modules to eliminate wasted fibers.

40Gbs Ethernet (40GBASE-SR4) and 100Gbs Ethernet (100GBASE-SR4) use 8 fibers per channel.

The MTP interface uses the 1st four fibers to transmit and the last four fibers to receive. The middle four fibers are not utilized.

12-fiber MTP leaves 1/3 of the fibers dark. The Xtreme12 2x3 Conversion Module converts the signal from 3 4-channel transceivers to two 12-fiber trunks, achieving 100% utilization of a 12-fiber network.

A denser solution for 12-fiber networks is a 4x6 Conversion Module for converting the signal from 6 4-channel transceivers to 4 12-fiber trunks.

Conversion Modules for 24-fiber networks convert 1 24-fiber MTP to 3 8-fiber MTPs.

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Ordering Information

(2) 12 FIBER MTP TO (3) 8 FIBER MTP	PART NUMBER
Conversion Module, 2-12 fiber MTP(m) to 3-8 fiber MTP(m), OM3, Low Loss	X+CM23CB66LL
Conversion Module, 2-12 fiber MTP(m) to 3-8 fiber MTP(m), OM4, Xtreme Low Loss	X+CM23DB66XL
Conversion Module, 2-12 fiber MTP(m) to 3-8 fiber MTP(m), OM5, Xtreme Low Loss	X+CM23HB66XL
Conversion Module, 2-12 fiber MTP(m) to 3-8 fiber MTP(m), Singlemode, Low Loss	X+CM23BA66LL
(4) 12 FIBER MTP TO (6) 8 FIBER MTP	PART NUMBER
Conversion Module, 4-12 fiber MTP(m) to 6-8 fiber MTP(m), OM3, Low Loss	X+CM46CB66LL
Conversion Module, 4-12 fiber MTP(m) to 6-8 fiber MTP(m), OM4, Xtreme Low Loss	X+CM46DB66XL
Conversion Module, 4-12 fiber MTP(m) to 6-8 fiber MTP(m), OM5, Xtreme Low Loss	X+CM46HB66XL
Conversion Module, 4-12 fiber MTP(m) to 6-8 fiber MTP(m), Singlemode, Low Loss	X+CM46BA66LL
(1) 24 FIBER MTP TO (3) 8 FIBER MTP	PART NUMBER
Conversion Module, 1-24 fiber MTP(m) to 3-8 fiber MTP(m), OM3, Low Loss	X+CM13CB66LL
Conversion Module, 1-24 fiber MTP(m) to 3-8 fiber MTP(m), OM4, Xtreme Low Loss	X+CM13DB66XL
Conversion Module, 1-24 fiber MTP(m) to 3-8 fiber MTP(m), OM5, Xtreme Low Loss	X+CM13HB66XL
Conversion Module, 1-24 fiber MTP(m) to 3-8 fiber MTP(m), Singlemode, Low Loss	X+CM13BA66LL