



**Configuration Shown:
24F LC/UPC TO (X2) 12F MTP Male/Elite**

FEATURES

- 24 Fiber LC to MPO Breakout Cassette
- 'Plug and Play' Solution
- Variety of Configurations Available
- Tool-Less Cassette Installation
- Elite Optical Performance
- Manufactured in the USA

The 4X SHD Breakout Cassette is designed to reduce installation time and increase cost efficiency within dense network infrastructures. This compact, modular solution provides a convenient solution when transitioning between duplex LC patch cables and multi-fiber MPO trunk cables. Install up to four 4X SHD Breakout Cassettes in the compatible 1RU 4X SHD Enclosure for a maximum of 96 fibers in a 1RU enclosure.

Cassettes are available in a variety of fiber configurations and polarities. Port ID labels identify the internal LC-MPO fiber breakout for installation reference. Each cassette is manufactured in the USA with the highest grade optical components and is factory tested to provide the best network reliability and optical performance available.

SPECIFICATIONS - FIBER

Fiber Type	MM OM3 50/125µm	MM OM4 50/125µm	SM OS2 9/125µm	SM OS2 9/125µm
Fiber Count	24 Fiber	24 Fiber	24 Fiber	24 Fiber
Front Connector Type	(12) Duplex LC/PC, Female	(12) Duplex LC/PC, Female	(12) Duplex LC/UPC, Female	(12) Duplex LC/APC, Female
Rear Connector Type	(2) 12F Elite MPO, Male or (1) 24F Elite MPO, Male	(2) 12F Elite MPO, Male or (1) 24F Elite MPO, Male	(2) 12F Elite MPO, Male or (1) 24F Elite MPO, Male	(2) 12F Elite MPO, Male or (1) 24F Elite MPO, Male
MPO Polarity	Polarity Type A = Key Up to Key Down Polarity Type B = Key Up to Key Up			
Insertion Loss	LC/PC ≤ 0.2dB MPO ≤ 0.35dB	LC/PC ≤ 0.2dB MPO ≤ 0.35dB	LC/UPC ≤ 0.2dB MPO ≤ 0.35dB	LC/APC ≤ 0.3dB MPO ≤ 0.35dB
Optical Return Loss	LC/PC ≤ 25dB MPO ≤ 20dB	LC/PC ≤ 25dB MPO ≤ 20dB	LC/UPC ≤ 50dB MPO ≤ 60dB	LC/APC ≤ 55dB MPO ≤ 60dB

SPECIFICATIONS - CASSETTE

Dimensions	8.85" L x 4.33" W x 1.4" H
Weight	0.7 lbs
Material	.064" Aluminum
Coating	Electro Statically Applied Powder Coat