

## ***MPO / MTP Fanout Cassettes***

### **DESCRIPTION**

MTP fiber optic cassettes are pre-terminated and pre-tested enclosed units. They contain 12-fiber or 24-fiber factory terminated fan-outs inside. MTP modular cassettes serve to “transition” small diameter ribbon cables terminated with MPO connector(s) to the more common LC or SC interface used on the transceiver terminal equipment. Typically, the fan-outs incorporate LC, SC connectors plugged into adapters on the front side of the cassette and MPO connector(s) plugged into MPO adapter(s) mounted at the rear of the cassette.

### **CHARACTERISTICS**

High density, small size.

Quick and easy installation.

12 fiber version with an MPO connector to 6 LC duplex or 12 SC simplex adapters.

24-fiber version with two MPO connectors to 2 x 6 duplex LC adapters.

Available in configuration for polarity method A, B, or C.

Available with 50/125 OM3 and OM4 multimode fiber optics or 9/125 singlemode fiber optics.



## MPO / MTP Fanout Cassettes

### TECHNICAL SPECIFICATIONS

#### MPO Connector

<b>FIBER TYPE:</b>	Single mode	Multimode
<b>POLISH:</b>	APC	PC
<b>INSERTION LOSS (Maximum)</b>	< 0,70dB	< 0,70dB
<b>RETURN LOSS</b>	> 60 dB	N/A
<b>DURABILITY</b>	≥ 500 matings	
<b>OPERATING TEMPERATURE:</b>	-40°C to 80°C	
<b>TEST WAVELENGTH:</b>	1310nM	850nM

#### FANOUT Connector

<b>FIBER TYPE:</b>	Single mode		Multimode
<b>POLISH:</b>	UPC	APC	UPC
<b>INSERTION LOSS (Maximum)</b>	< 0,30dB		
<b>RETURN LOSS</b>	> 55dB	> 60dB	N/A
<b>DURABILITY</b>	≥ 1000 matings		
<b>OPERATING TEMPERATURE:</b>	-40°C to 80°C		
<b>TEST WAVELENGTH:</b>	1310nM		850nM