

MPO/MTP® Attenuator

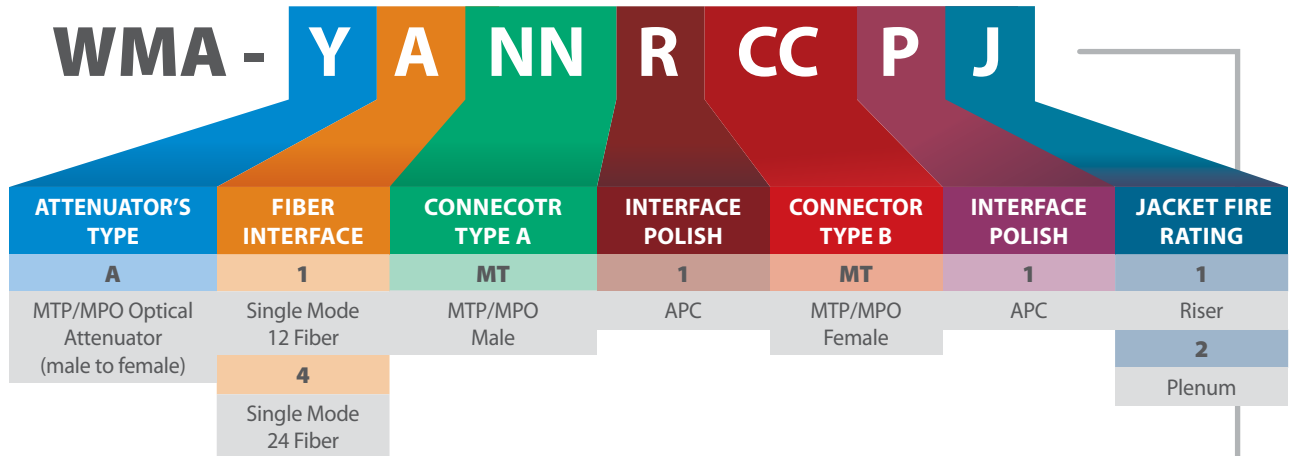
Description	Wirewerks MPO/MTP® Attenuator is a passive component designed to evenly reduce the power of an optical signal for each fiber channel in the MPO/MTP connector without changing the signal's fundamental form. This attenuator is ideal for 40/100G applications, parallel optical transmission and other high density applications that use MPO/MTP® connectors. The MPO/MTP® Attenuator can significantly simplify network design, improve installation efficiency and save space.	
Features and Benefits	<p>Consistent attenuation for each fiber channel</p> <p>Standard MPO/MTP® (Male) to MPO/MTP® (Female) cable assembly format, custom length, easy in-line installation.</p> <p>Low back reflection, insertion loss</p> <p>Low polarization dependent loss (PDL)</p> <p>Environmentally stable</p>	<p>Contaminant and scratch free ferrule</p> <p>Multimode attenuators available upon request</p> <p>Available attenuation from 1 dB to 30 dB</p> <p>100% tested in factory</p> <p>Manufactured with metal-ion doped optical fiber</p>
Applications	<p>40G/100G Installations</p> <p>Data Center</p> <p>High Density CATV, LAN, Telecommunications</p>	<p>High Density Optical Transmission Systems</p> <p>Test and Instrument</p> <p>CWDM and DWDM System Channel Balancing</p>
Certification and Compliance	<p>GR-326-CORE</p> <p>GR-910-CORE</p> <p>GR-63-CORE</p> <p>ASTM B117</p> <p>TIA-604</p> <p>TIA-455 series</p> <p>IEC 60874-1</p> <p>IEC 61300 series</p> <p>UL 94</p> <p>RoHS</p>	<p>Generic Requirements for Single Mode Optical Connectors and Jumper Assemblies</p> <p>Generic Requirements for Fiber Optic Attenuators.</p> <p>Network Equipment – Building System Generic Requirements: Physical Protection.</p> <p>Standard Practice for Operating Salt Spray (Fog) Apparatus.</p> <p>series Fiber Optic Connector Intermateability Standard.</p> <p>Standard Test Procedure for Fiber Optic Components.</p> <p>Connectors for Optical Fibers and Cables, Generic Standard.</p> <p>Fiber Optic Interconnecting Devices and Passive Components, Basic Test and Measurement Procedures</p> <p>Tests for Flammability of Plastic Materials for Parts in Devices and Appliances</p> <p>Directive on Restriction of Hazardous Substances</p>



MPO/MTP® Attenuator

■ Build your MPO/MTP® Attenuator: Replace each letter with the required option.

WMA - YANNRCCPJ LLL X 00



LENGTH	WAVELENGTH	ATTENUATION	
001	A	01	02
1m	Dual 1310/1550nm (Single Mode)	1dB	2dB
002		03	04
2m		3dB	04dB
		05	06
		5dB	06dB
		07	08
		7dB	08dB
		09	10
		9dB	10dB
		15	20
		15dB	20dB
		25	30
		25dB	30dB

Packaging

Plastic bag, 1 unit per bag

Optical Characteristics

Parameter	Value
Fiber type	8.3/125µm OS2 Single mode
Attenuation	1 to 30 dB
Attenuation tolerance	2 to 10dB: ± 1 dB 11 to 20 dB: ± 10% dB
Operating wavelength	850nm 1310nm 1550nm
Operating temperature	-10° C to +75° C

