



MPO Fanout

Multi-fiber Connector to Single-fiber Connectors



MPO Fanout supports various connections between Multi-fiber interface and Single-fiber interface. As principal supplier for MPO Connectors and Fiber Ribbon, Sumitomo can offer flexible design of Fanout with reliable quality.

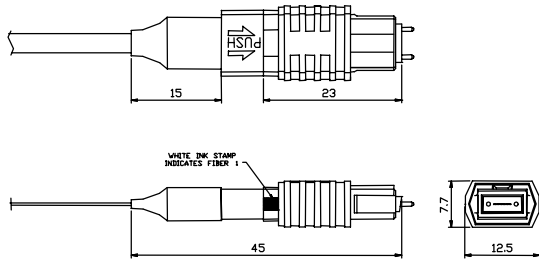
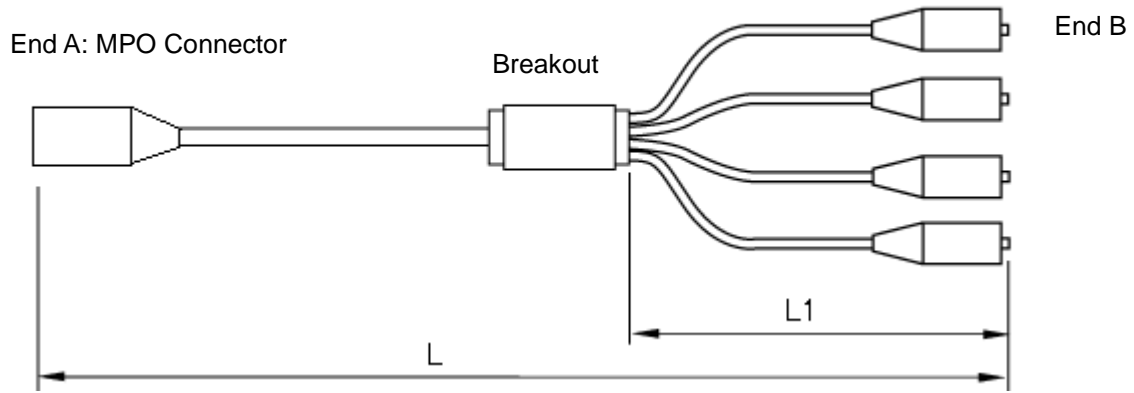
Features

- Easy connection between Multi-fiber interface and Single-fiber interface
- Long supported MPO Connector using MT Ferrule technology
- Various combinations of Connector, Cable types and length

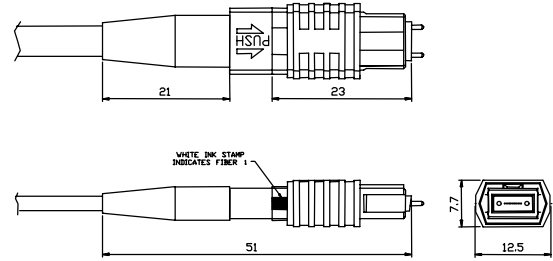
Specifications

Fiber Type	SM		MM(50), MM(62.5)	
Fiber Count	4, 8, 12		4, 8, 12	
Connector	MPO	MU, LC, SC etc	MPO	MU, LC, SC etc
Polishing	Angled PC	UPC etc	Flat PC	PC
Insertion Loss	Std Loss: $\leq 0.75\text{dB}$	UPC: $\leq 0.3\text{dB}$	Std Loss: $\leq 0.75\text{dB}$	$\leq 0.3\text{dB}$
	Low Loss: $\leq 0.35\text{dB}$		Low Loss: $\leq 0.35\text{dB}$	
Return Loss	$\geq 55\text{dB}$	UPC: $\geq 55\text{dB}$	-	$\geq 25\text{dB}$
Cable Type	Fiber Ribbon to 250um Fibers or 900 um Loose Tubes Ribbon Cord to 2mm Cords 900um Tight Buffers (up to 8 fibers)			
Breakout	Fiber Ribbon: Box, Ribbon Cord: Cylindrical			

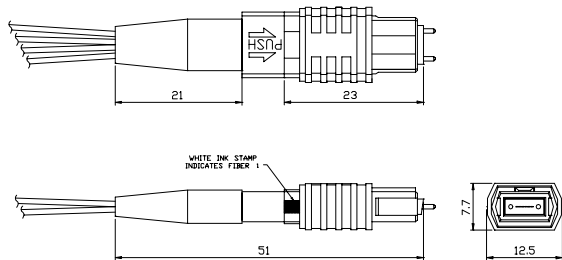
Dimensions



MPO Connector for Fiber Ribbon



MPO Connector for Ribbon Cord



MPO Connector for
900um Tight Buffers