



SUMITOMO'S LIGHTRAY MPX™ Fanout

Multi-fiber Connector to Single-fiber Connectors



Sumitomo's LIGHTRAY MPX™ Fanout supports various connections between Multi-fiber interface and Single-fiber interface. As principal supplier for MT Ferrule applications and Fiber Ribbon, Sumitomo can offer flexible design of Fanout with reliable quality.

Features

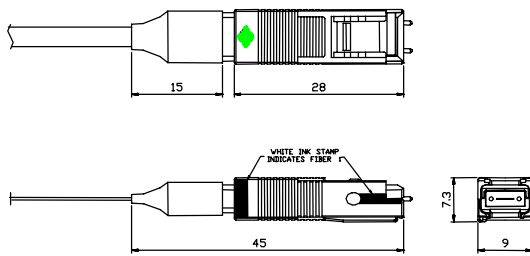
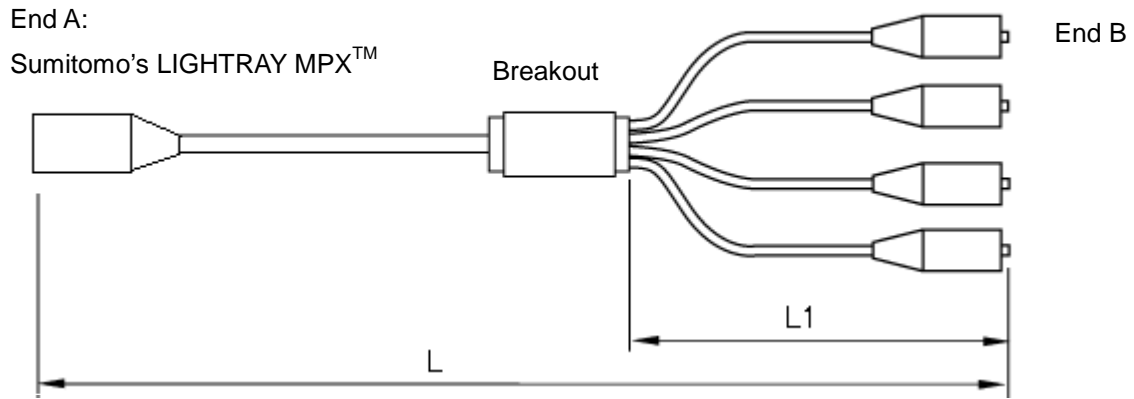
- Easy connection between Multi-fiber interface and Single-fiber interface
- Ideal for Backplane Interconnection
- Various combinations of Connector, Cable types and length

Specifications

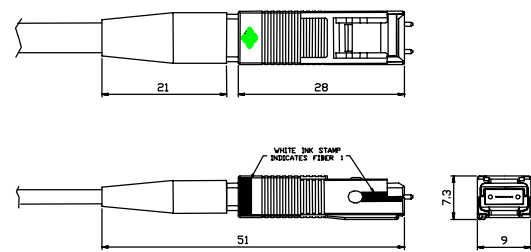
Fiber Type	SM		MM(50), MM(62.5)	
Fiber Count	4, 8, 12		4, 8, 12	
Connector	LIGHTRAY MPX™	MU, LC, SC etc	LIGHTRAY MPX™	MU, LC, SC etc
Polishing	Angled PC	UPC etc	Flat PC	PC
Insertion Loss	Std Loss: $\leq 0.75\text{dB}$	$\leq 0.3\text{dB}$	Std Loss: $\leq 0.75\text{dB}$	$\leq 0.3\text{dB}$
	Low Loss: $\leq 0.35\text{dB}$		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			

LIGHTRAY MPX™ is a trademark of The Whitaker Corp, an affiliate of Tyco Electronics Corp.

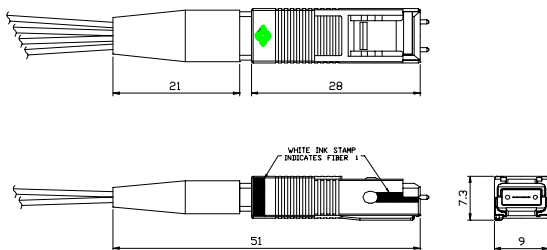
Dimensions



Sumitomo's LIGHTRAY MPX™
for Fiber Ribbon



Sumitomo's LIGHTRAY MPX™
for Ribbon Cord



Sumitomo's LIGHTRAY MPX™
for 900um Tight Buffers