



FEATURES

- 900um, 2.0mm Cables Supported
- Stable connection, the same as an SC connector provides

The MU connector is designed for high-density connections. This small single-fiber connector has a high level of performance, providing more than double the packaging density of the SC connector.

SPECIFICATIONS

Initial Optical Characteristics

Insertion Loss (SM)	< 0.5dB (PC,AdPC)	1,300nm(LD)
Insertion Loss (MM)	<0.3dB (PC)	1,300nm(LED)
Return Loss (SM)	> 22dB(PC)	
	> 40dB(AdPC)	1,300nm(LD)
Return Loss (MM)	> 22dB(PC)	1,300nm(LD)

Mechanical Characteristics

Retention force of adapter	1~2.5N	Adapter gauge
Ferrule Thrust Test	6±0.5N	Optical standard surface
Robustness of fiber clamp	< 0.2dB*	500 times
Vibration Test	< 0.2dB*	10~55Hz, (for 2h to each of 3 directions)
Impact Test	< 0.2dB*	Acceleration 100G, Active time 6ms 10 times each for 3 directions

Environmental Characteristics

Change of temperature Test	(-25~70°C)	< 0.2dB*	100cycle (4h/cycle)
Insertion Loss (MM)	(-10~25~65°C)	< 0.2dB*	20cycles, (Humidity 93±3% @65°C)
Return Loss (SM)	(85±2°C)	< 0.2dB*	960h
	(-25±2°C)	< 0.2dB*	960h
Return Loss (MM)	(salt mist 5±1%, Temp 35°C)	< 0.2dB*	48h

MATERIALS

Ferrule	Ceramic
Body	ABS Plastic
	Stainless Steel
Boot	Thermoplastic Rubber