

## MU Connectors Family

The MU Connector is designed by NTT, This small form factor connector is approximately half the size of the SC connector, and has a push-pull style design. The connector features a pre-assembled body and precision molded plastic housing, and a free floating 1.25mm O.D. ferrule held in place with a precision spring. MU-J connector is the same as the MU, but without the outer housing, used in back panel solutions and high-density situations where tight fits are necessary.

SAISO MU Connectors are fully compatible with NTT-MU style products and JIS compliant. Both of singlemode and multimode, pre-assembled 1pc and MU Connect Kits are available upon request.

### Features

- Compact, pull-proof design
- Low insertion and back reflection loss
- High precision alignment
- One piece construction
- UL-rated plastic housing and boot
- Compliance with NTT-MU, JIS specification

### Specification

Item	Singlemode		Multimode	
	Insertion Loss	MU Connector	0.12dB Typical	MU Connector
Return Loss	≥ 55dB Typical (PC)		≥ 30dB (PC)	
	≥ 65dB Typical (APC)			
Durability	≤0.1dB typical change, 1000 matings		≤0.2dB typical change, 1000 matings	
Ferrule Hole Sizes (Custom sizes available)	125.5μm +1/-0, Concentricity: ≥ 1μm		127μm, Concentricity: ≤4μm	
Operating Temperature	-40°C to +75°C		-40°C to +75°C	

\*The above Sp

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Connectors											
411	181	SM 125.5μm	N	Brown	1	0.5mm	V	Lavender	I	Standard	
	381	MM 127μm	L	Blue	2	2.0mm	L	Blue			

Ordering Example: 411-181N-1LT



MU Simplex Adapter



MU Duplex Adapter

Adapter		Fiber Channel		Sleeve	
448	MU	1	Simplex	1	Zirconia
		2	Duplex		