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 refiection 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	0.20dB Typical
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 Specifications were obtained by using SAISO recommended products and procedures.

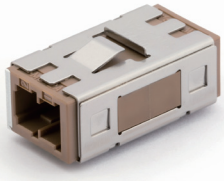
900μm MU

2.0mm MU

Connector	Ferrule Flange		Housing Color		Boot Size		Boot Color		Boot Type	
411	181	SM 125.5μm	N	Brown	1	0.9mm	V	Lavender	T	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		

Ordering Example: 448-21