

MT-MT Specification

MT-MT/FA

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Optical Fiber Cable & Connection Department
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1 Features

1. Features

MTP, MPO available

8/12/24/16/32F Fiber

SM, OM3/OM4/OM5 available

0.35dB low loss connector

Pulling eyes are provided as an option to protect the cable & connector during installation

Migration for 10G/40G/100G/200G/400G

TIA/IEC standards compliant

Comply with RoHS/REACH requirement

2. Application

Data Center Interconnect

High-Density Cross Connect

Backbone Installation

Telecommunication Networks

Broadband/CATV Networks

Test Labs

LAN/WAN

3. Type

8/12/24/16/32F Fiber: MT-MT/FA

2 Diagram

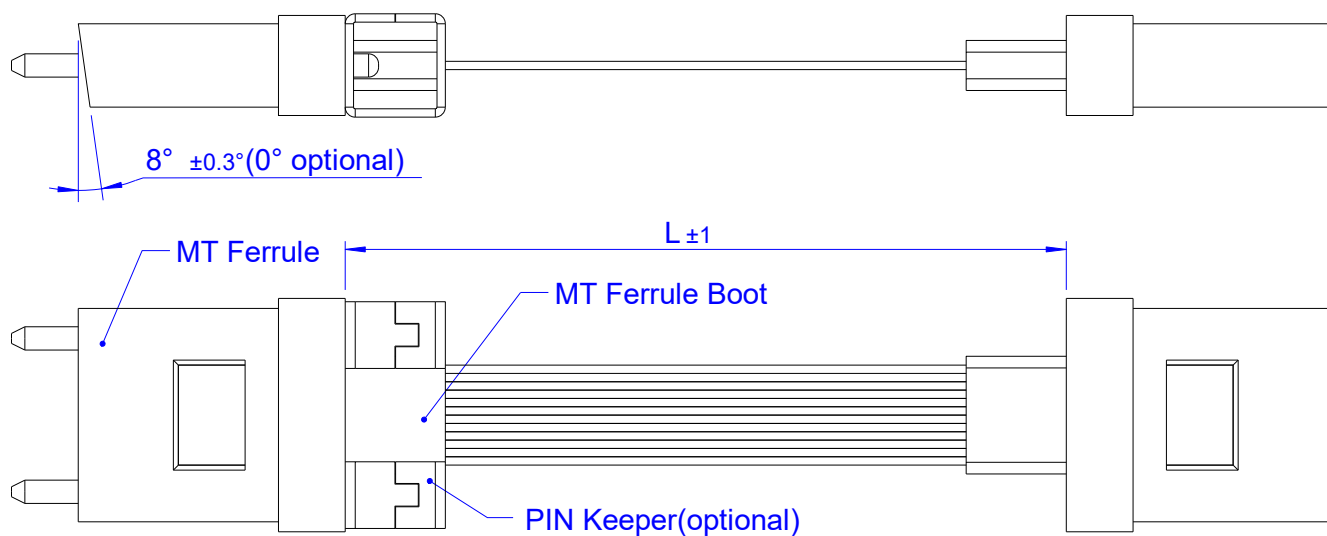


Figure 2.1 MT-MT

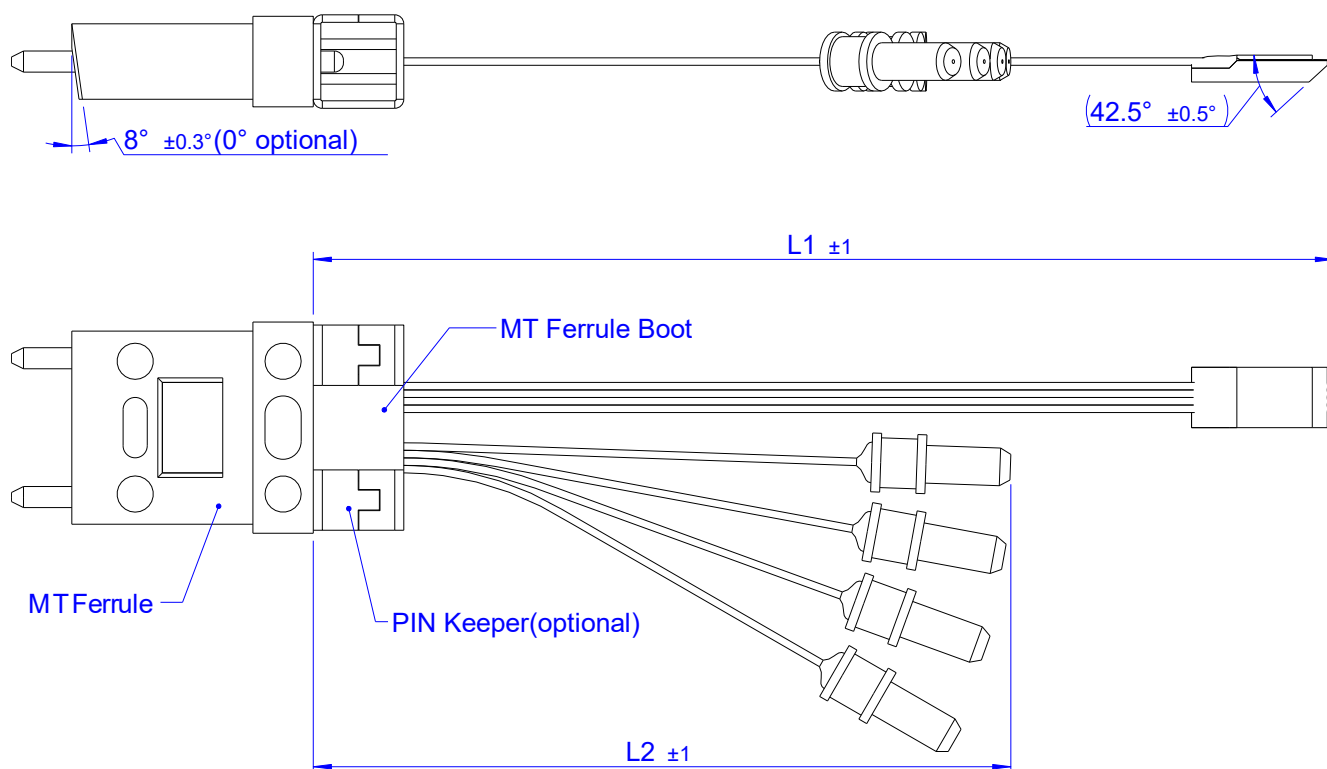


Figure 2.2 MT-FA+LC

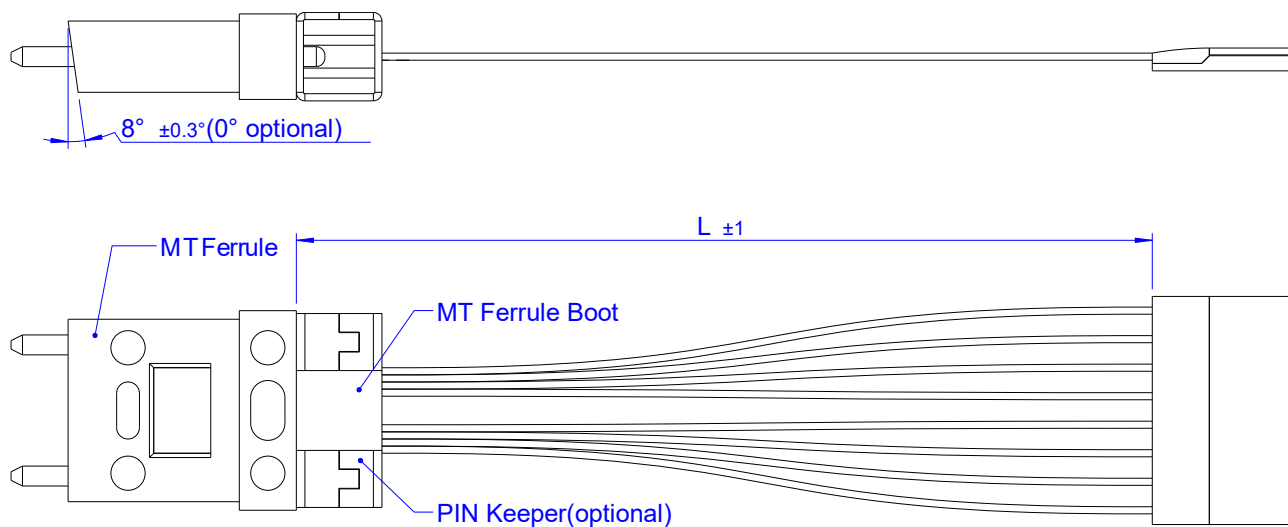


Figure 2.3 MT-FA

3 Optical Performance

Table 3.1 MT-MT Specification

Parameters	Units	Specifications		
Test Wavelength	nm	Multi-Mode	850/1300	
		Single Mode	1310/1550	
Fiber Type	/	G657A2/G657B3/OM3/OM4/OM5		
Insertion Loss	dB	MT	Standard Loss	≤0.70
			Low Loss	≤0.35
		LC/FA	≤0.30	
Return Loss	dB	Multi-Mode	≥25	
		Single Mode	≥50(PC) ≥60(APC)	
Operating Temperature	℃	-10~+70		
Storage Temperature	℃	-40~+85		

4 Revised History

Version	Date	Description of change	Author	Approver
1.00	2020-07-10	Initial release	SH	June Liu

