

# SUMMIT TELECOM

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## FTTH Fast Connector and Mechanical Splicer

Item Code: STMS

### Optical Fiber Mechanical Splicer





We are China leading manufacturer for Optical Fiber Mechanical Splicer, which is for Fiber Mechanical Splicing with easy and low cost operation.

**Descriptions:**

Applicable for FTTX FTTH optical fiber splicing and for repairing any damaged lines to realize firm and reliable splicing of fibers.

The mechanical splicer requires minimal training and few accessories to assemble. The assembly process involves stripping and cleaving fibers, inserting the fibers into the splice part until they touch and turning the cams to secure the fibers. The process does not involve any adhesives or special tools, A typical installation takes less than two minutes.



**Features:**

- No adhesive or epoxy required
- Universal, one-part-fits-all fiber coatings
- No polishing required
- Self-centering fiber alignment mechanism
- Optional lead-in tubes for securing 900um fibers
- Index-matching gel pre-inserted
- No stress on fiber in alignment area
- Small assembly fixture recommended, but optional
- Fits in industry-standard splice trays

**Applications:**

- Pigtail splicing
- Transition splice between listed and non-listed cables
- Indoor or outdoor through or branch splicing
- Emergency restoration

**Technical Specifications:**

Specifications	
Type	MW-10
Average Insertion Loss	<0.3dB (typical 0.1dB)
Return Loss	>45dB
Installation Time	30 s
Fiber Coating Size Rang	250um on 900um
Tensile Strength	4N
Shelf Life	25years
Operating Temperature	-40°C~70°C
High Temperature Storage	2000 hours with IL<0.2dB change (85oC)
Low Temperature Storage	20000 hours with IL<0.2dB change (-40oC)
Damp Heat Storage	2000 hoursss with IL<0.2dB change (85%RH,85oC)
Temperature Cycling	Change IL<0.5dB (-40oC~85oC)
Vibration	10 to 55Hz 1.52mm maximum excursion three axis IL <0.2dB change,two hours in each plane
Water Immersion	Change IL<0.2dB (168H@43"C;PH=5.5+0.5)
Thermal Shock	Change IL<0.2dB (100oC~0oC,10cycles)