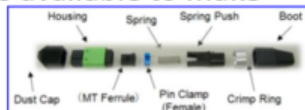
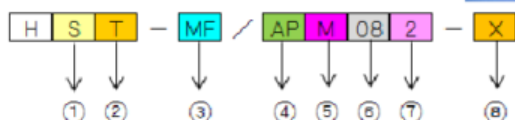


# MPO Connector with fiber cable

MT Ferrule as key components of multi core optical fiber connector is manufactured by Hakusan MFG. Selection of material, number of core, some kinds of polishing can be available to make optical fiber network.

## Model number constitution



- ① S → Single Mode (Core  $\phi$  9.5  $\mu$ m)
- ② T → Tape core wire
- ③ MF → No MPO connector pin
- ④ AP → 8° angled protruding polishing
- ⑤ E → Max 0.35dB (Yellow)
- ⑥ 08 → 8 cores
- ⑦ 2 → With both ends
- ⑧ X → Total length (m)

### ① Transmission mode (Fiber type)

S	SM 9.5/125 (*)
M	MM 50/125

\* Return loss over 55dB  
Coat color: SM Yellow, MM Orange

### ② Type of wire

T	Tape core wire
J	Wire with jacket
L	Wire with jacket (*)

\* Applying long boots

### ③ Type of connector

MT	MT ferrule
MF	No MPO connector pin (Female)
MM	With MPO connector pin (Male)

Describing "MF/MM" in case of both ends are different.

### ④ Type of polishing

FP	Right angle extrusion polishing
AP	80° protruding diagonally
FF	Right angle plane polishing

### ⑤ Loss (Housing colour)

S	Max. 1.0dB (Green)
E	Max. 0.35dB (Yellow)
M	Max. 0.50dB (Beige)

Custom colour negotiable  
Selected "S" at ①, "S" or "E".  
Selected "M" at ②, "M".

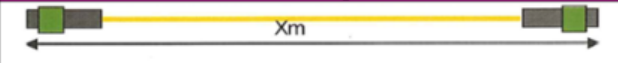
### ⑥ Number of core

04	4 cores
08	8 cores
12	12 cores
24	24 cores

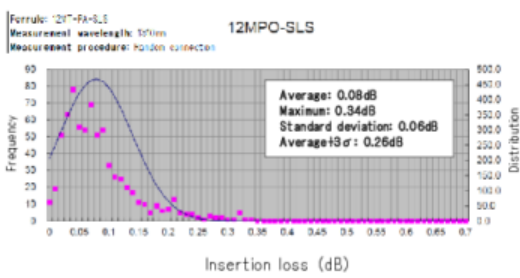
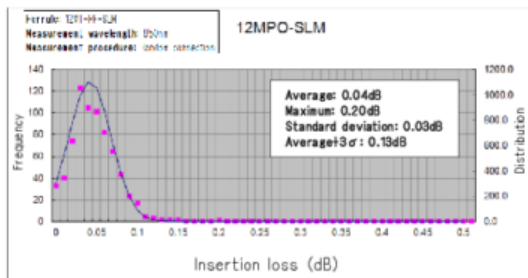
### ⑦ Number of connector mounting

1	One side mounting
2	Both ends mounting

### ⑧ Cord length



※ Diagonal polishing connector and cord by Hakusan has received permission from the patent rights holder (NTT).



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