

Date : 19-Mar-08

Doc. No. : B-07S 0074

**Messrs.**

---

**Specification**

---

for

**Universal Mechanical Splice "FMSEZ-025/09"**



Prepared by T. Omori  
Manager

Optical System Engineering Dep.  
Global Telecommunication Strategy  
and Marketing Div.



Approved by Y. Kurosawa  
Senior manager

Optical System Engineering Dep.  
Global Telecommunication Strategy  
and Marketing Div.

 **Fujikura**

**SPECIFICATION**  
**FOR**  
**UNIVERSAL MECHANICAL SPLICES FMSEZ-025/09**

**1. GENERAL**

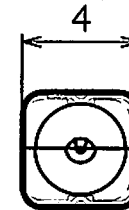
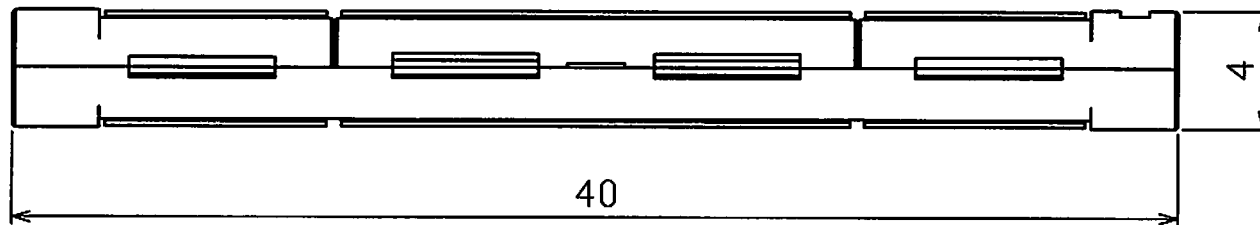
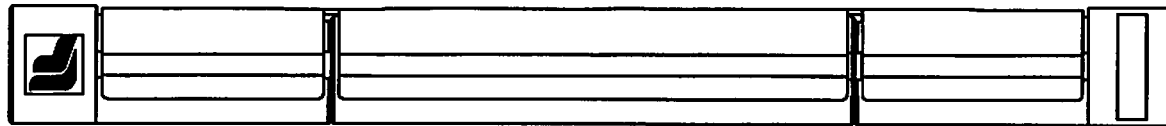
This specification covers Universal Mechanical Splice.

Model name: FMSEZ-025/09

**2. SPECIFICATIONS**

The specifications of FMSEZ-025/09 shall be shown in the following table.

Item	Specification	Remark
Application	Dia. 0.25mm single fiber Dia. 0.9mm single fiber	Cladding:0.125mm Except Nylon coating fibers
Applicable fiber diameter range	Dia. 0.240mm to 0.265mm Dia. 0.85mm to 0.95mm	
Insertion Loss (max.)	$\leq 0.4\text{dB}$	At room temperature
Insertion Loss (Average)	$< 0.1\text{dB}$	1310 $\pm$ 10mm, 1550 $\pm$ 20mm
Return loss (average)	$\geq 40\text{dB}$	At room temperature 1310 $\pm$ 10mm, 1550 $\pm$ 20mm At the same diameter fiber connection
Size	L40 X W4 X H4 (mm)	Dwg. No. PNJJC-0032-64-01



unit:mm

TITLE	DRAWN BY	<i>M. Tanaka</i>
FMSEZ-025/09	DESIGNED BY	<i>M. Tanaka</i>
	CHECKED BY	<i>[Signature]</i>
DRAWING NO. PNJJC-0032-64-01	APPROVED BY	<i>[Signature]</i>
DATE 2007.02.20	<b>Fujikura Ltd.</b>	