

Mechanical splice



Fujikura's mechanical splice provides an inexpensive, quick alternative to mating fibers. Using V-groove and index matching material technology, this splice maintains both the refractive index and physical contact between the fibers. An assembly tool is used to ensure the fibers are mated correctly. The Fujikura mechanical splice secures both fiber and coating independently with the U-shaped sleeve, enhancing the strength against fiber twist.

FEATURES/BENEFITS

- Quick splicing time
- Minimal tools
- 250µm and/or 900µm fiber capabilities
- Both fiber and coating are secured independently

APPLICATIONS

- Restoration
- Premise environments
- FTTx applications

SPECIFICATIONS

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.0.235mm to 0.265mm Dia.0.85mm to 0.95mm	ITUT compliance
Connection loss (max)	$\leq 0.4\text{dB}$	At room temperature 1310 \pm 10nm, 1550 \pm 20nm At the same diameter fiber connection
Return loss (average)	$\geq 40\text{dB}$	At room temperature 1310 \pm 10nm, 1550 \pm 20nm At the same diameter fiber connection
Size	L40 X W4 X H4(mm)	Dwg.No.PNJJC-0032-64-01



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FURTHER INFORMATION

- For additional information please contact your sales representative
- To view the product 360 visit the product page (Scan the QR code or visit the link below)
- Downloaded from <https://www.fujikura-telecom.com/product/mechanical-splice>
- Fujikura reserves the right to make changes in this datasheet at any time without notice
- Information in this document is correct as of June 19, 2019

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