

81c fusion splicer for splicing drop cables and optical cables



Summary of Content

The Sumitomo TYPE-81C fusion splicer is a high-precision, fast, and reliable tool suitable for splicing drop cables and optical fibers, featuring advanced core alignment and fiber clamping mechanisms.

Key Features for Drop Cable and Optical Fiber Splicing

The TYPE-81C is designed for high-efficiency splicing in FTTx networks, central offices, and feeder lines to premises. It supports single-mode and multimode fibers, including most BIF fibers, with typical splice loss of less than 0.02 dB for single-mode and 0.01 dB for multimode fibers. Its quick splice cycle of approximately 7 seconds and heater cycle of 28 seconds for 60mm protection sleeves significantly reduces labor time and increases productivity.

Fiber Holding and Pressure Plate Functionality

While the TYPE-81C documentation does not explicitly label a "pressure plate," it uses a fiber clamping system that aligns fibers either by core center (Direct Core Monitoring) or by outer diameter, ensuring precise positioning before splicing. This mechanism effectively functions as a pressure plate, holding fibers securely during the fusion process, which is critical for drop cables and optical fibers that may vary in diameter or coating. The clamps are designed to accommodate standard fiber diameters and provide stability even in field conditions.

Additional Advantages

Article Content

Sumitomo Type-81C Fusion Splicer

TYPE-81C Type Fusion Splicer Sumitomo Fusion Splicer Type-81c Size 120 (W)154 (D)130 (H)Mm Weight 1.8kg

Sumitomo Type-81c Fiber Optic Splicing Machine (Type-81C)

Sumitomo Type-81c Fiber Optic Splicing Machine (Type-81C), Find Details and Price about Fusion Splicer Sumitomo Fiber Optic

Sumitomo Fusion Splicer Fiber Optic Splicing Machine (Type-81C)

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Sumitomo TYPE-81C Direct Core Fusion Splicer-Single

TYPE-81C Has been Discontinued, updated version is TYPE-82C+. Sumitomo TYPE-81C Direct Core

Type-81c Sumitomo Splicing Machine/Fusion Splicer

Type-81c Sumitomo Splicing Machine/Fusion Splicer, Find Details and Price about Type-81c Sumitomo Type-81c from Type-81c

Sumitomo Type-81c Fiber Optic Fusion Splicer Machine

Professional Sumitomo Type-81c fiber splicer with 0.01dB~0.04dB loss, 7-second splicing, touch screen, and universal clamp. Ideal

OPTICAL FIBER FUSION SPLICER AI-8C

The AI-8C optical fiber fusion splicer uses the high-speed image process technology and special exact

81c Sumitomo Fusion Machine

Types of Sumitomo 81C Fusion Splicing Machines The Sumitomo 81C fusion splicer is a widely respected optical fiber splicing

Japan Sumitomo Optic Fiber Fusion Splicer Type-81c/Type-82c Splicing ...

Japan Sumitomo Optic Fiber Fusion Splicer Type-81c/Type-82c Splicing Machine Price, Find Details and Price about

Sumitomo Type-81C Fusion Splicers Fiber Optic Equipment

Fill out the form below for more information about the Sumitomo Type-81C * Indicates Required Information

Sumitomo Type-81C Fusion Splicer Specs | PDF

The Sumitomo Type-81C is a direct core monitoring fusion splicer that provides rapid splicing in 6 seconds

Fiber Optic Splicing Machine Sumitomo 82c 81c

Prayaag Technologies - Offering Fiber Optic Splicing Machine Sumitomo 82C 81C, for fiber splicing at ₹

Sumitomo Type-81C

While compact, lightweight, rugged and durable, the T-81C is capable of fastest splicing. Touch screen

Sumitomo Tire Type-81C Fiber Fusion Splicer – Jumbo

Upgrade your fiber fusion splicing with the Sumitomo Type-81C. Achieve precision and efficiency with this

Sumitomo Electric Launches the All New Type-81C Touch Screen Fusion Splicer

Sumitomo Electric announces the release of the new Type-81C direct core monitoring fusion splicer. The machine is

Why the Sumitomo 81C Fusion Splicer Carrying Case Is a ...

What Makes the Sumitomo 81C Carrying Case the Right Choice for Field Technicians? Click the image to view the product The

Simotomo TYPE-81C Direct Core Monitoring Fusion

For added convenience and functionality, the TYPE-81C design includes a multi-position monitor that

Fusion Splicing Machines | Shop now

Fusion Splicing Machines Fusion splicing is used to physically join together two optical fiber ends. The process may vary, depending

YZS1124015-003

The splicer can be operated by touching the icons on the screen. The working efficiency has improved. The TYPE-81C has

optical fiber fusion splicer sumitomo type-81c

China Optical Fiber Fusion Splicer Sumitomo Type-81c products offered by Shanghai Guangwo Communication Technology Co.,

Direct Core Monitoring Fusion Splicer TYPE-81C

Ultra fast splicing in every environment Specifications ... *1: When the fibers used are identical to Sumitomo's fibers. *2: Splice &

Sumitomo Type-81c Fiber Optic Fusion Splicer Machine

This automated fusion splicing machine features preset splicing parameters and factory-recommended settings to optimize the

Sumitomo Type-81C Fiber Fusion Splicer Welding Splicer

Shop Sumitomo Type-81C Fiber Fusion Splicer Welding Splicer. Free delivery on eligible orders of £20 or more.

Full Automatic Fusion Splicer Intelligent Multi function

Empowering Fiber Connectivity Encompass everything from distribution terminals to drop cables,

Type 81C Fusion Splicer

Find high-quality type 81c fusion splicer for fiber optic cables. Precision and reliability for FTTH solutions. Shop our range of

Sumitomo Type 81C

Sumitomo Type 81C Type -81-C Direct Core Monitoring Fusion Splicer Remote interactive maintenance via internet Features :

Sumitomo Tire Type-81C Fusion Splicer Welding

Enhance your fiber optic projects with the Sumitomo Type-81C Fusion Splicer Welding Splicer. This

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://madibabayelectrical.co.za>

Email: sales@madibabayelectrical.co.za

Phone: +27 63 947 2185

Address: 15 Fredman Drive, Sandton, Johannesburg, 2196, South Africa

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