

Electrode of Signal Fire

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Variants

AI9

Details

Signal Fire Fusion Splicer Electrode Rod for AI Series

The Signal Fire optical fiber fusion splicer electrode rod is designed for stable arc discharge and accurate fiber splicing. It is compatible with Signal Fire AI series fusion splicers and helps maintain low splice loss, reliable heating performance, and consistent field operation.

Compatible Signal Fire Models

Compatible Models
AI-6C, AI-7, AI-7C, AI-7V, AI-8, AI-8C, AI-9, AI-10A

Technical Specifications

Parameter	Specification
Brand	Signal Fire
Product Type	Fusion Splicer Electrode Rod
Lifetime	Approx. 3000 splices
Package Dimensions	50 x 50 x 30 mm

Weight	0.01 kg
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Product Description

Electrodes are important spare parts in optical fiber fusion splicer machines. They generate the electric arc used to fuse two optical fibers together. A good-quality electrode helps improve splice stability, reduce splice loss, and maintain consistent splicing performance.

At D-TECH, we supply fusion splicer electrodes and spare parts for multiple brands, supporting technicians, ISPs, and fiber installation teams across Nepal.

Available Electrodes for Other Fusion Splicer Brands

Brand	Supported Models
COMWAY	C6, C8S, C10S
Fujikura	22S, 38S, 48S, 50S, 60S, 80S, 62C+
Sumitomo	Z1C, Z2C, 81C, 82C
INNO	View 6C
Tumtec	18S, 18H, 83A, V9+

Note: Replace electrodes after the recommended arc count to maintain good splice quality and avoid high splice loss.