

FXFSTOSPL Connectivity Accessories - FiberExpress Fusion Splicer Kit



General Description:

FiberExpress Fusion Splicer Kit

Usage (Overall)

Suitable Applications:	Indoor termination of fiber cables: Patch panels, Communication outlets, Fiber-to-the-desk, Distribution frames, Direct termination to equipment, Campus, Customer premise, Access network, Fiber cable repair
Related Parts:	FX Fusion connectors, FiberExpress Fusion Precision Kit. Compatible Splice holder (FXFSSHFM2) required for splicing FX Fusion connectors is sold separately

Physical Characteristics (Connectivity)

Included Parts

Included Parts:	1 battery, 1 shoulder strap, 1 cooling tray, 1 charger, 1 brush, 1 screwdriver, 1 tackle box with 2 spare electrodes & 1 Allen key, 1 CD-ROM with user manuals, 1 USB cord, 2 keys & 2 fiber holders
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Packaging

Packaging:	The splicer and accessories are individually packaged in a plastic carrying case.
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Mechanical Characteristics (Connectivity)

Mechanical Specifications:

DESCRIPTION	VALUE
Fiber alignment	Active V-groove
Fiber diameters	0.25 mm, 0.9 mm, 2.0 mm, 3.0 mm
Cladding and coating diameters	Cladding: 125 µm, Coating: from 150 µm to 3 mm
Cleave lengths	from 5 mm to 16 mm
Number of modes	Splice modes: 300, Heat modes: 100
Typical Splice Loss (IL)	SM: 0.02dB, MM: 0.02dB, DS: 0.04 dB, NZDS: 0.04dB
Return Loss (RL)	>60 dB
Typical splicing time	7 seconds with SM fiber
Splice loss estimate	Available
Typical sleeve heating time	13 seconds with IS-60 mode and IS-60 sleeve
Protection sleeve	60 mm, 40 mm and micro sleeves
Storage of splice results	Up to 5000 data sets and 5000 images
Tension test	from 1.96 N to 2.25 N
Storage conditions	Temperature: from -40°C to 80°C, Humidity: up to 95%
Operating conditions	Altitude: up to 5,000 meters above sea level. Temperature: from -10°C to 50°C Humidity: up to 95%, Wind: 15 meter/seconds non-condensing, shock proof.
Dimensions (in inch)	Fusion splicer only (without rubber protector) : 4.481 (W) X 7.441 (L) X 2.952 (H) Carrying case: 16.5 (W) X 10.40 (L) X 7.70 (H)
Weight (in lbs)	Fusion splicer only: 2.425 Complete fusion splicer kit: 7.2
Viewing method and display	2 axis, 2 CMOS cameras with a 4.3 inch color LCD monitor
View and magnification	X/Y: 130 times, Max: 260 times
Power supply	Lithium-ion Battery (14.8 V DC, 3400mAh), 100-240V AC charger
Typical number of splice without the battery	200 cycles
Typical electrode life time	3,000 splices
External port	USB

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

Other Specification: IP52 rated per IEC 60529

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Transmission Characteristics (Connectivity)

Notes (Overall)

Product Family

Part Number List:

Belden product number	Product description
FXFSTOSAC	FX FUSION SPLICER AC ADAPTER/CHARGER
FXFSTOSSS	FX FUSION SPLICER CASE SHOULDER STRAP
FXFSTOSCB	FX FUSION SPLICER CLEANING BRUSH
FXFSTOSFC	FX FUSION SPLICER FIBER HOLDER/CLAMP
FXFSTOSSE	FX FUSION SPLICER SPARE ELECTRODE
FXFSTOSCT	FX FUSION SPLICER COOLING TRAY
FXFSTOSCC	FX FUSION SPLICER CARRYING CASE
FXFSTOSKY	FX FUSION SPLICER KEYS FOR LOCK
FXFSTOSSD	FX FUSION SPLICER SCREWDRIVER
FXFSTOSTB	FX FUSION SPLICER TACKLE BOX
FXFSTOSCD	FX FUSION SPLICER USER GUIDE CD-ROM
FXFSTOSBT	FX FUSION SPLICER BATTERY

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
FXFSTOSPL	1 EA	0.000 KG			FX FUSION SPLICER KIT

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