



	OPTICAL FIBER FUSION SPLICER AI-9 Signal Fire	ELECTRIC CABLE DY-2.5- BK/750V
		
	833.58 EUR 833.58 EUR	0.44 EUR 0.44 EUR
In section	...	100 m . Price for 1m when buying a whole roll
Inner conductor	...	2.5 mm ² - Cu wire
Rated voltage	...	450 / 750 V
Fiber optic type	<ul style="list-style-type: none"> • Multi-Mode (MM) - G.651, • Single-Mode (SM) - G.652 & G.657, • Single-Mode (DS / NZDS) Non-Zero Dispersion Shifted Fiber (G.655) 	...
Outer coating	...	Ø 3.3 mm - PVC
Cladding diameter	80 ... 150 µm	...
Coating color	...	Black
Outer coating diameter:	0.1 ... 1 mm	...
Fiber cleaved length	16 mm	...
Orientation technology	core alignment, cladding alignment, manual	...
Display	5.1 " LCD, 800 x 480 px Image: display X and Y axis simultaneously	...
Average fusion loss	0.01 dB (MM) 0.025 dB (SM) 0.04 dB DS / NZDS	...
Average fusion time	5 s	...
Average heat time	15 s	...
Fusion programs	(factory applications) + (user applications)	...
Internal light	✓	...
Internal heater	✓	...
Set fusions parameters	<ul style="list-style-type: none"> • Surface angle test • fiber forward • prefuse power • prefuse time • arc power • arc time, etc 	...
Fusion storage	✓	...
Mechanical strength test	2 N	...
Computer interface	USB 2.0 - Possibility to charge smartphones	...

Main features	<ul style="list-style-type: none"> • Built-in optical power meter : <ul style="list-style-type: none"> - Optical wavelength : 850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm, 1625 nm - Wide measuring range : -70 dBm ... +6 dBm - Accuracy : < 0.3 dB , • VLS (VFL) - Visual Fault Locator of fiber cable : <ul style="list-style-type: none"> - Optical wavelength : 650 nm - Optical output power : 15 mW - Operation modes : continuous, pulsed - 2 Hz 	...
Power supply	13.5 V DC / 4.8 A (power adapter included)	...
Battery power supply	11 V DC Li-Ion battery, 7800 mAh	...
Electrodes lifetime	3000 fusions	...
Operation temp	-15 °C ... 50 °C	...
Permissible relative humidity	< 95 % (non-condensing)	...
Weight	2.16 kg	...
Dimensions	202 x 145 x 128 mm	...
Manufacturer / Brand	Signal Fire	...
Guarantee	3 years	2 years