

	OPTICAL FIBER FUSION SPLICER AL-9	ELECTRODE FOR OPTICAL FIBER FUSION SPLICER AL-9/E	MECHANICAL SPLICE FAST-MS1-P5	MECHANICAL SPLICE WITH SC CONNECTOR FAST-SC-OPTON	MECHANICAL SPLICE WITH SC/APC CONNECTOR FAST-SC-APC	SPLICE TRAY PPKS-12N	SPLICE TRAY PPKS-24N	MECHANICAL SPLICE HOLDER USM-6
								
	819.17 EUR 819.17 EUR	75.76 EUR 75.76 EUR	7.66 EUR 7.66 EUR	0.95 EUR 0.95 EUR	0.82 EUR 0.82 EUR	1.81 EUR 1.81 EUR	2.67 EUR 2.67 EUR	0.59 EUR 0.59 EUR
Number of fibers	...	...	...	...	...	12 pcs	24 pcs	...
Support	...	Al-9	...	...	...	Fiber Optic Distribution Box	Fiber Optic Distribution Box	splice tray PPKS-12
Connector type	...	...	...	SC/UPC	SC-APC	...	...	...
In package	...	...	5 pcs The price for package		...	...	...	...
Fiber type	...	...	Multi-mode and single-mode	Single-mode	Single-mode	...	...	...
Fiber diameter	...	...	125 µm	125 µm	125 µm	...	...	...
Material	...	...	...	...	...	Plastic	Plastic	...
Fiber optic type	...	...	...	...	...	...	...	...
	• Multi-Mode (MM) - G.651, • Single-Mode (SM) - G.652 6. G.657, • Single-Mode (DS / NZDS) Non-Zero Dispersion Shifted Fiber (G.655)	...	...	...	...	...	...	...
Cable diameter	...	...	250 µm / 900 µm	3 mm / 2 mm / 900 µm / 250 µm	3 mm / 2 mm / 900 µm / 250 µm	...	...	...
Cladding diameter	80 ... 150 µm	...	...	...	...	...	...	...
IL	...	...	0.1 dB/km (for 1310 and 1550 nm)	...	...	...	...	...
RL	...	...	< -40 dB	...	...	...	...	...
Outer coating diameter:	0.1 ... 1 mm	...	...	...	...	...	...	...
Connector insertion loss	...	...	0.1 dB	...	...	...	...	...
Fiber cleaved length	16 mm	...	...	...	...	...	...	...
Splice reuse	...	...	max. 5 times	max. 5 times	max. 5 times	...	...	...
Manufacturer / Brand	...	...	...	OPTON	...	...	...	...
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	• 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	• Built-in optical power meter : - 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 : - 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	3000 fusions	...	...	...	...	...	...
Operation temp	-15 °C ... 50 °C	...	-40 °C ... 75 °C	...	...	...	...	...
Permissible relative humidity	< 95 % (non-condensing)	...	...	...	...	...	...	...
Weight	2.16 kg	...	...	...	...	...	...	...
Dimensions	202 x 145 x 128 mm	...	...	...	...	155 x 92 x 10 mm	155 x 92 x 10 mm	...
Guarantee	3 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years

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