

NMF-SPP1X8A1-SCU-B

Optical PLC Splitter, Single-mode 9/125, standard G657.A1, SC/UPC, 1x8



Optical fiber splitter, also known as PLC (Planar Lightwave Circuit) dividers, allow you to combine and share the power of optical signals evenly between all outputs. Due to the lack of power requirements, the devices are widely used in FTTx networks. Optical PLC splitters have more stable and accurate parameters compared to alloy splitters. NIKOMAX optical PLC splitters, these are broadband splitters, have a solid housing made of ABS plastic and stable characteristics in the wavelength range from 1260 to 1650 nm. These models differ in the number of types - 4, 8, as well as the type of polishing of the optical connectors - UPC. Splitters are based on a single-mode G.657.A1 optical fiber. The terminal sheath is made of LSZH compound with a thickness of 2 mm.

Ordering Table

P/N	Connector type Polishing	Individual packaging			Transport packaging		
		Quantity	Dimensions, mm	Weight, kg	Quantity	Dimensions, mm	Weight, kg
NMF-SPP1X8A1SC	UPC	1 pc.	2700x220x25	0.14	60 pcs.	610x300x400	-

Detailed characteristics

Characteristic	Value
Housing material	ABS plastic
Warranty	1 year
Temperature ranges	Storage from -40 to +80. Operation from -40 to +80
Packaging	Individual -blister
Type of optical fiber	Corning SMF-28e G.657.A1
Insertion loss	10.7 dB
Return loss	≥ 50 dB
Polishing	UPC
PLC splitter type	1x8
Material of terminal sheath	LSZH - compound, 2 mm
Range of application	1260-1650nm
Reproducibility	0.8 dB
Directivity	≥ 55 dB
Dependence of insertion loss on polarization change (PDL)	0.3
Inhomogeneity	≤ 0.8 dB