

**NMF-SPP1X4A1-SCU-B - 1x4 UPC**

**NMF-SPP1X8A1-SCU-B - 1x8 UPC**

NIKOMAX Optical PLC Splitter, Single-mode  
9/125, standard G657.A1, SC/UPC, Standard  
housing, with equal division ratio, 2 mm

- ✓ Low signal loss
- ✓ SC connectors
- ✓ Solid ABS plastic housing

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.



NMF-SPP1X4A1-SCU-B



NMF-SPP1X8A1-SCU-B

**Basic equipment:**

Optical PLC Splitter	1pc.
Product Manual	1pc.

### Specification

Part Number	NMF-SPP1X4A1-SCU-B	NMF-SPP1X8A1-SCU-B
PLC Splitter type	1x4	1x8
Type of polishing connectors	UPC	
Housing design	Standard ABS plastic housing	
Material of terminal sheath	LSZH - compound, 2 mm	
Range of application	1260-1650 nm	
Insertion loss max. (dB)	7.7	10.7
Reproducibility * (dB)	0.6	0.8
Directivity (dB)	≥ 55	
Return Loss (dB)	≥ 50	
Dependence of insertion loss on polarization change (PDL)	0.2	0.3
Inhomogeneity (dB)	≤ 0.8	
Type of optical fiber	Corning SMF-28e G.657.A1	
Temperature ranges, C	Storage from -40 to +80. Operation from -40 to +80	
Warranty	1 year	
Packaging	Individual -blister	

\* - Spread of insertion loss

### Order Table

Part number	Connector type	Polishing	Individual packaging			Transport packaging		
			Quantity	Dimensions, mm	Weight, kg	Quantity	Dimensions, mm	Weight, kg
NMF-SPP1X4A1-SCU-B	SC	UPC	1 pc.	270x220x25	0.12	60 pcs.	610x300x400	-
NMF-SPP1X8A1-SCU-B	SC	UPC	1 pc.	270x220x25	0.14	60 pcs.	610x300x400	-