

NMF-SPP1X2A1-SCU-B - 1x2 UPC
NMF-SPP1X2A1-SCA-B - 1x2 APC
NMF-SPP1X4A1-SCU-B - 1x4 UPC
NMF-SPP1X4A1-SCA-B - 1x4 APC
NMF-SPP1X8A1-SCU-B - 1x8 UPC
NMF-SPP1X8A1-SCA-B - 1x8 APC

- ✓ Low signal loss
- ✓ Durable ABS plastic housing

Optical splitter planar

Optical planar splitters, also known as PLC splitters (Planar Lightwave Circuit). It allows you to combine and split the power of signals evenly between all outputs. The devices are widely used in FTTx networks because the power supply is not necessary. Planar couplers have more stable and accurate parameters than fused ones. NIKOMAX optical planar splitters are broadband splitters which have a durable ABS plastic housing and stable characteristics in the wavelength range from 1260 to 1650 nm.

The difference in the models are that the number of pins, the type of polishing of optical connectors is APC. Splitters are made on the basis of G.657.A1 single-mode optical fiber. Lead sheath is made of 2 mm thick LSZH compounds

Example 1 :



NMF-SPP1X8A1-SCU-B

Example 2 :



NMF-SPP1X8A1-SCA-B

The manufacturer reserves the right to change the appearance and characteristics of the product, without reducing its consumer properties.

Basic equipment :

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Specification

Product Number	NMF-SPP1X2A1-SCU-B	NMF-SPP1X2A1-SCA-B	NMF-SPP1X4A1-SCU-B	NMF-SPP1X4A1-SCA-B	NMF-SPP1X8A1-SCU-B	NMF-SPP1X8A1-SCA-B
PLC splitter type	1x2		1x4		1x8	
Insertion loss	4.1 dB max.		7.7 dB max.		10.7 dB max.	
Reproducibility	0.4 dB		0.6 dB		0.8 dB	
Dependence of insertion loss on polarization change (PDL)	0.2		0.2		0.3	
Polishing	UPC	APC	UPC	APC	UPC	APC
Type of optical fiber	Corning SMF-28e G.657.A1					
Return loss	≥ 50 dB	≥ 60 dB	≥ 50 dB	≥ 60 dB	≥ 50 dB	≥ 60 dB
Inhomogeneity	≤ 0.8 dB					
Directivity	≥ 55 dB					
Housing material	Standard ABS plastic housing					
Material of terminal sheath	LSZH - compound, 2 mm					
Range of application	1260-1650 nm					
Temperature range	Storage from -40 to +80 ° C. Operation from -40 to +80 ° C					
Packaging	Individual - blister					
Warranty	1 year					

Order Table

Product Number	Connector type	Polishing	Individual packaging			Transport packaging		
			Quantity	Volume, m3	Weight, kg	Quantity	Dimensions, mm	Weight, kg
NMF-SPP1X2A1-SCU-B	SC	APC	1	270x220x25	-	60	610x300x400	-
NMF-SPP1X2A1-SCA-B	SC	APC	1	270x220x25	-	60	610x300x400	-
NMF-SPP1X4A1-SCU-B	SC	APC	1	270x220x25	-	60	610x300x400	-
NMF-SPP1X4A1-SCA-B	SC	APC	1	270x220x25	-	60	610x300x400	-
NMF-SPP1X8A1-SCU-B	SC	APC	1	270x220x25	-	60	610x300x400	-
NMF-SPP1X8A1-SCA-B	SC	APC	1	270x220x25	-	60	610x300x400	-

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