

**NMF-SPP1X2A1-SCU-M** - 1x2 UPC  
**NMF-SPP1X2A1-SCA-M** - 1x2 APC  
**NMF-SPP1X4A1-SCU-M** - 1x4 UPC  
**NMF-SPP1X4A1-SCA-M** - 1x4 APC  
**NMF-SPP1X8A1-SCU-M** - 1x8 UPC  
**NMF-SPP1X8A1-SCA-M** - 1x8 APC  
**NMF-SPP1X16A1-SCU-M** - 1x16 UPC  
**NMF-SPP1X16A1-SCA-M** - 1x16 APC

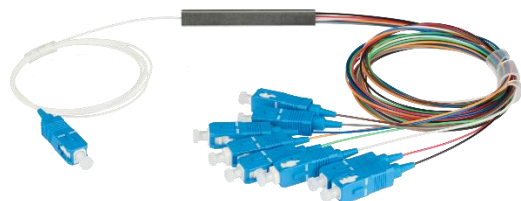
- ✓ Low signal loss
- ✓ Possibility of integration into optical modules and couplings
- ✓ Compact metal body

### 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 PON and FTTx networks because the power supply is not necessary. Planar couplers have more stable and accurate parameters than fused ones. NIKOMAX optical planar splitters, these are broadband splitters, have a compact metal body and stable characteristics in the wavelength range from 1260 to 1650 nm.

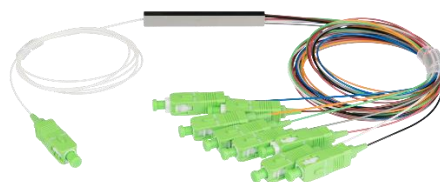
The difference in these models are that the number of pins is 2, 4, 8 or 16, the type of polishing of optical connectors is UPC of APC. Splitters are made on the basis of G.657.A1 single-mode optical fiber. Lead sheath is made of 0.9 mm thick LSZH compounds.

#### Example 1 :



**NMF-SPP1X8A1-SCU-M**

#### Example 2 :



**NMF-SPP1X8A1-SCA-M**

### Basic equipment :

Optical planar splitter	1
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### Specification

Product Number	NMF-SPP1X2A1-SCU-M	NMF-SPP1X2A1-SCA-M	NMF-SPP1X4A1-SCU-M	NMF-SPP1X4A1-SCA-M	NMF-SPP1X8A1-SCU-M	NMF-SPP1X8A1-SCA-M	NMF-SPP1X16A1-SCU-M	NMF-SPP1X16A1-SCA-M
PLC splitter type	1x2		1x4		1x8		1x16	
Insertion loss	4.1 dB max		7.7 dB max		10.7 dB max.		13.9 dB max	
Reproducibility	0.4 dB		0.6 dB		0.8 dB		1 dB	
Dependence of insertion loss on polarization change (PDL)	0.2		0.2		0.3		0.3	
Polishing	UPC	APC	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	≥ 50 dB	≥ 60 dB
Inhomogeneity	≤ 0.8 dB							
Directivity	≥ 55 dB							
Housing material	Metal mini-body							
Material of terminal sheath	LSZH - compound, 0.9 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-SPP1X8A1-SCU-M	SC	UPC	1	205x90x10	-	100	610x300x400	-
NMF-SPP1X8A1-SCA-M	SC	APC	1	205x90x10	-	100	610x300x400	-
NMF-SPP1X4A1-SCU-M	SC	UPC	1	205x90x10	-	100	610x300x400	-
NMF-SPP1X4A1-SCA-M	SC	APC	1	205x90x10	-	100	610x300x400	-
NMF-SPP1X8A1-SCU-M	SC	UPC	1	205x90x10	-	100	610x300x400	-
NMF-SPP1X8A1-SCA-M	SC	APC	1	205x90x10	-	100	610x300x400	-
NMF-SPP1X8A1-SCU-M	SC	UPC	1	205x90x10	-	100	610x300x400	-
NMF-SPP1X8A1-SCA-M	SC	APC	1	205x90x10	-	100	610x300x400	-

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