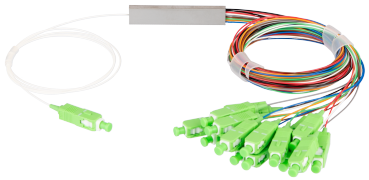
NMF-SPP1X16A1-SCA-M



Optical splitter planar, 1x16 APC

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 are broadband splitters with 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 sheathing is made of 0.9 mm thick LSZH compounds.

Ordering Table

P/N	Connector type	Polishing	Individual packaging			Transport packaging		
			Quantity	Dimensions, mm	Weight, kg	Quantity	Dimensions, mm	Weight, kg
NMF-SPP1X16ASC		APC	1	205x90x10	-	100	610x300x400	-

NMF-SPP1X16A1-SCA-M

Optical splitter planar, 1x16 APC

Detailed characteristics

Characteristic	Value
Polishing	APC
Type of optical fiber	Corning SMF-28e G.657.A1
Insertion loss	13.9 dB max.
Return loss	≥ 60 dB
Reproducibility	1 dB
Inhomogeneity	≤ 0.8 dB
Directivity	≥ 55 dB
Housing material	Metal mini-body
PLC splitter type	1x16
Material of terminal sheath	LSZH - compound, 0.9 mm
Range of application	1260-1650 nm
Dependence of insertion loss on polarization change (PDL)	0.3
Temperature range	Storage from -40 to +80 ° C. Operation from -40 to +80 ° C
Packaging	Individual - blister
Number of ports for main cables	1 year