



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 or 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.

Ordering Table

P/N	Connector type	Polishing	Individual packaging			Transport packaging		
			Quantity	Dimensions, mm	Weight, kg	Quantity	Dimensions, mm	Weight, kg
NMF-SPP1X4A1SC		APC	1	205x90x10	-	100	610x300x400	-

Detailed characteristics

Characteristic	Value
Polishing	APC
Type of optical fiber	Corning SMF-28e G.657.A1
Insertion loss	7.7 dB max.
Return loss	≥ 60 dB
Reproducibility	0.6 dB
Inhomogeneity	≤ 0.8 dB
Directivity	≥ 55 dB
Housing material	Metal mini-body
PLC splitter type	1x4
Material of terminal sheath	LSZH - compound, 0.9 mm
Range of application	1260-1650 nm
Dependence of insertion loss on polarization change (PDL)	0.2
Temperature range	Storage from -40 to +80 ° C. Operation from -40 to +80 ° C
Packaging	Individual - blister
Warranty	1 year