

DATA SHEET

Reference Cost:90USD

0.5~6GHz 1 to 8 Power Splitter

SP-0530-8S

Main features

The full name of the SMA Wilkinson power Splitter is a micro-strip power divider. It is a device that divides the energy of one input signal into two or more outputs with equal or unequal energy; it can also conversely synthesize the energy of multiple signals into one output. At this time, it is also called a combiner, which has the advantages of wide operating frequency, small insertion loss, high gain and isolation, and stable performance.



Electrical data

Working Frequency	0.5~3GHz
Amplitude Balance	$\leq 0.5\text{dB}$
Insertion Loss (include Allocation Ratio)	$\leq 10.2\text{dB}$
Isolation	@500MHz~700MHz $\geq 14\text{dB}$ @700MHz~3000MHz $\geq 20\text{dB}$
VSWR	≤ 1.3
Phase Balance	≤ 6
Impedance	50 Ω
Connector Type	SMA-K
Working Temp	-35 $^{\circ}\text{C}$ ~75 $^{\circ}\text{C}$
Size	114*77*16.25mm
Power Handling	$\leq 5\text{W}$

Actual Data

