



Electrical & Environmental

Impedance	50 ohm
Number of Output Ports	2 Way
Frequency Range	0.5-8 GHz
Insertion Loss	$\leq 1.0\text{dB}$ (Excluding theoretical loss 3.0dB)
Input VSWR	1.4 max (500-600 MHz), 1.25 max (600-8000 MHz)
Output VSWR	1.2 max
Isolation	18dB min (500-600 MHz), 20dB min (600-8000 MHz)
Amplitude Balance	$\leq \pm 0.2\text{dB}$
Phase Balance	$\leq \pm 3^\circ$
Average Power Rating	20 Watts (As Divider), 1 Watts (As Combiner)
Operating Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$

Mechanical

Input/Output Connectors	SMA Female
Housing Finishing	Painted Aluminum
Outline Dimensions	56*30*10 (mm)
Weight	Approx 45g

Dimensions (Unit: mm/[inch], Tolerance: $\pm 0.3\text{mm}$)

