

Power Divider

PDM-00512-S3

3 Way, 0.5-12 GHz, SMA, 20 Watts

Rev 1

Electrical & Environmental

Impedance	50 ohm
Number of Output Ports	3 Way
Frequency Range	0.5-12 GHz
Insertion Loss	$\leq 2.6\text{dB}$ (Excluding theoretical loss 4.8dB)
Input VSWR	2.0 max
Output VSWR	1.5 max
Isolation	15dB min
Amplitude Balance	$\leq \pm 0.8\text{dB}$
Phase Balance	$\leq \pm 8^\circ$
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	200*40*10 (mm)

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

