

Power Divider

A12PD617M4000M16MCX

Revision record

Date	Version	Author	Revision description	Comment
2024/11/27	V1.0	Vivian	Created	/
2024/12/17	V1.1	Vivian	Updated the Outline	/
2025/01/10	V1.2	Vivian	Updated the Outline	/

Electrical specification

Parameter	Specification
Frequency Range	617-4000MHz
Insertion Loss	$\leq 3.5\text{dB}$
VSWR	$\leq 1.80(\text{input}) \leq 1.50(\text{output})$
Amplitude Balance	$\leq \pm 0.8\text{dB}$
Phase Balance	$\leq \pm 10\text{degree}$
Isolation	$\geq 16\text{dB}$
Average Power	30W (Forward) 1W (Reverse)
Impedance	50 Ω
Operational Temperature	-40°C to +80°C
Storage Temperature	-45°C to +85°C

Mechanical specification

Parameter	Specification
Dimension	133.0x116.5x10.0mm
Connectors	MCX-Female
Surface Finish	Grey Painting
Notes	Material shall be RoHS 6/6

Outline

