

Power Divider

A2PD617M4000M18MCX

Revision record

Date	Version	Author	Revision description	Comment
2024/11/27	V1.0	Vivian	Created	/
2024/12/20	V1.1	Vivian	Updated the Outline	/

Electrical specification

Parameter	Specification
Frequency Range	617-4000MHz
Insertion Loss	$\leq 1.0\text{dB}$
VSWR	$\leq 1.50(\text{input}) \leq 1.30(\text{output})$
Amplitude Balance	$\leq \pm 0.3\text{dB}$
Phase Balance	$\leq \pm 3\text{degree}$
Isolation	$\geq 18\text{dB}$
Average Power	20W (Divider) 1W (Combiner)
Impedance	50 Ω
Operational Temperature	-40°C to +80°C
Storage Temperature	-45°C to +85°C

Mechanical specification

Parameter	Specification
Dimension	46.0x30.0x9.0mm
Connectors	MCX-Female
Surface Finish	Grey Painting
Notes	Material shall be RoHS 6/6

Outline

