

Power Divider A2PD500M6000M18S

Revision record

Date	Version	Author	Revision description	Comment
2024/10/31	V1.0	Vivian	Created	/

Electrical specification

Parameter	Specification
Frequency range	500-6000MHz
Insertion loss	≤ 1.0 dB (Excluding theoretical loss 3.0 dB)
Input Port VSWR	≤1.4: 1 (500-650M) & ≤1. 2: 1(650-6000M)
Output Port VSWR	≤ 1.2: 1
Isolation	≥18dB(500-650M) & ≥20dB (650-6000M)
Amplitude balance	≤0.2dB
Phase balance	±2°
Forward power	30W
Reverse power	2W
Impedance	50Ω
Temperature range	-35°C to +75°C

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 45mm x 36mm x 12mm
Connectors	SMA-Female
Finish	Sandblasting conductive oxide
Notes	Material shall be RoHS 6/6

Outline

