

Power Divider APD27.5G29.5G16F

Revision record

Date	Version	Author	Revision description	Comment
2024/09/18	V1.0	Vivian	Created	/

Electrical specification

Parameter	Specification
Frequency range	27.5-29.5GHz
Insertion loss	≤1.5dB
VSWR	≤1.80 @ Input / ≤1.60 @ Output
Isolation	≥16dB
Amplitude balance	≤±0.40dB
Phase balance	±5°
Power handling (CW)	10W as divider / 1W as combiner
Impedance	50Ω
Temperature range	-40°C to +70°C

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 26.0mm x 25.0mm x 10.0mm
Connectors	2.92-Female
Finish	Grey Painting
Notes	Material shall be RoHS 6/6

Outline

