

# Power Divider APD27G32G16F

## Revision record

Date	Version	Author	Revision description	Comment
2024/09/18	V1.3	Vivian	Created	/

## Electrical specification

Parameter	Specification
Frequency range	27-32GHz
Insertion loss	≤1.5dB
VSWR	≤1.5
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
Electro Magnetic Compatibility	Only design guarantee

## Mechanical specification

Parameter	Specification
Dimension	L x W x H: 26mm x 25mm x 10mm
Connectors	2.92-Female
Finish	Grey Painting
Label Information	Laser engraving
Notes	Material shall be RoHS 6/6

**Outline**

