

# Power Divider

## A2PD27G32G16F

### Revision record

| Date       | Version | Author | Revision description | Comment |
|------------|---------|--------|----------------------|---------|
| 2024/09/03 | 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 |
| 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

