

# Power Divider APD1G2G1WS

## Revision record

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

## Electrical specification

| Parameter             | Specification                         |
|-----------------------|---------------------------------------|
| Frequency range       | 1000-2000MHz                          |
| Insertion loss        | ≤0.5dB (Exclusive the 3dB Split Loss) |
| VSWR                  | ≤1.2                                  |
| Amplitude balance     | ≤±0.2dB                               |
| Phase Balance         | ≤±2degree                             |
| Isolation             | ≥20dB                                 |
| Average power         | 1W                                    |
| Impedance             | 50Ω                                   |
| Operating temperature | -40°C to +80°C                        |
| Storage temperature   | -45°C to +85°C                        |

## Mechanical specification

| Parameter  | Specification                 |
|------------|-------------------------------|
| Dimension  | L x W x H: 30mm x 30mm x 10mm |
| Connectors | SMA-Female                    |
| Finish     | Grey painting                 |
| Notes      | Material shall be RoHS 6/6    |

**Outline**

