

### Main specifications

| Parameters  | Min | Typical | Max  | Units |
|-------------|-----|---------|------|-------|
| Frequency   | 0   | ~       | 18   | GHz   |
| Attenuation | 5.5 | 6       | 6.6  | dB    |
| VSWR        |     | 1.2     | 1.35 |       |

### Other parameters

|                    |                            |
|--------------------|----------------------------|
| Power              | 2W                         |
| Impedance          | 50Ω                        |
| Connector          | SMA-JK                     |
| Connector material | Stainless steel            |
| Work Temp.         | -40~+85°C Design assurance |
| Other              | Replace BW-S6W2+           |

### Note

1. When installing attenuators, it is necessary to consider sufficient heat dissipation space and avoid installing them next to equipment with high heat output, otherwise the power capacity will decrease;
2. Small power attenuators do not have input and output directions, nor do they indicate directions. When high-power attenuators have input and output port markings, they must be connected to the equipment in the specified direction, otherwise the attenuator may burn out.

### Typical test data

| Frequency GHz | S11 VSWR | S22 VSWR | S12 IL (dB) |
|---------------|----------|----------|-------------|
| 0.01          | 1.01     | 1.01     | -5.81       |
| 1.43          | 1.01     | 1.02     | -5.84       |
| 2.86          | 1.01     | 1.03     | -5.87       |
| 4.29          | 1.02     | 1.04     | -5.9        |
| 5.71          | 1.06     | 1.06     | -5.92       |
| 7.14          | 1.08     | 1.08     | -5.93       |
| 8.57          | 1.09     | 1.13     | -5.95       |
| 10            | 1.1      | 1.13     | -5.94       |
| 11.43         | 1.1      | 1.08     | -5.99       |
| 12.86         | 1.14     | 1.1      | -6.09       |
| 14.29         | 1.15     | 1.13     | -6.23       |
| 15.71         | 1.1      | 1.09     | -6.3        |
| 17.14         | 1.07     | 1.05     | -6.38       |
| 18.57         | 1.11     | 1.07     | -6.41       |
| 20            | 1.13     | 1.13     | -6.46       |

### Reference picture



### Configuration(mm)

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### Typical test curve

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