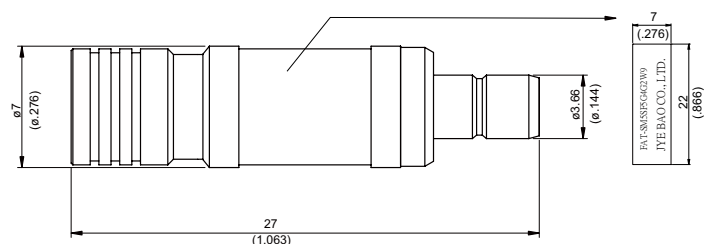


FAT-SM5SF5G4G2W9

4GHz SMB Plug To SMB Jack Fixed Attenuator



Nominal impedance: 50Ω $\pm$ 0.25Ω over operating temperature range.

Operating temperature range: -50 degrees Celcius to +80 degrees Celcius.

VSWR deviation:  $\pm$ 0.1% over operating temperature range.

Power rating: 2W over operating temperature range.

Power Rating (Peak): 100W for 25 Microseconds.

Power Coefficient: 0.001dB/W (change in attenuation with increase in power).

Temperature Coefficient: 0.001dB/Deg. C max., 0.0003dB/Deg.C typ.

| Attenuation | VSWR       |             | Attenuation deviation (+/-dB) |             |
|-------------|------------|-------------|-------------------------------|-------------|
|             | DC-2GHz    | 2-4GHz      | DC-2GHz                       | 2-4GHz      |
| 9dB         | $\leq$ 1.1 | $\leq$ 1.25 | $\pm$ 0.2dB                   | $\pm$ 0.3dB |

| Parts         | Material         | Plating (Micro-inch)                  |
|---------------|------------------|---------------------------------------|
| Body          | Brass            | Gold 5 Over Nickel 50 Over Copper 50  |
| Contact Pin   | Beryllium Copper | Gold 10 Over Nickel 50 Over Copper 50 |
| Retainer Ring | Beryllium Copper | Gold 5 Over Nickel 50 Over Copper 50  |
| Insulator     | Teflon           |                                       |
| Coupling Nut  | Brass            | Gold 5 Over Nickel 50 Over Copper 50  |

Weight: 4.38 g

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.