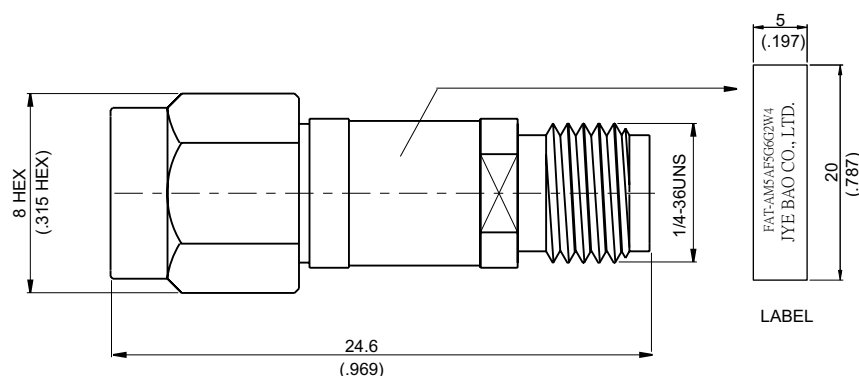


**FAT-AM5AF5G6G2W4**

**6GHz SMA Plug To SMA 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    | 2-5GHz      | 5-6GHz      | DC-2GHz                       | 2-5GHz      | 5-6GHz      |
| 4dB         | $\leq$ 1.1 | $\leq$ 1.25 | $\leq$ 1.35 | $\pm$ 0.2dB                   | $\pm$ 0.3dB | $\pm$ 0.5dB |

| Parts        | Material         | Plating (Micro-inch)                  |
|--------------|------------------|---------------------------------------|
| Contact Pin  | Beryllium Copper | Gold 20 Over Nickel 50 Over Copper 50 |
| Body         | Brass            | Gold 5 Over Nickel 50 Over Copper 50  |
| Insulator    | Teflon           |                                       |
| Gasket       | Silicon          |                                       |
| Contact Pin  | Phosphor Bronze  | Gold 20 Over Nickel 50 Over Copper 50 |
| Coupling Nut | Brass            | Gold 5 Over Nickel 50 Over Copper 50  |

Weight: 4.74 g

**This part number complies with RoHS.**

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