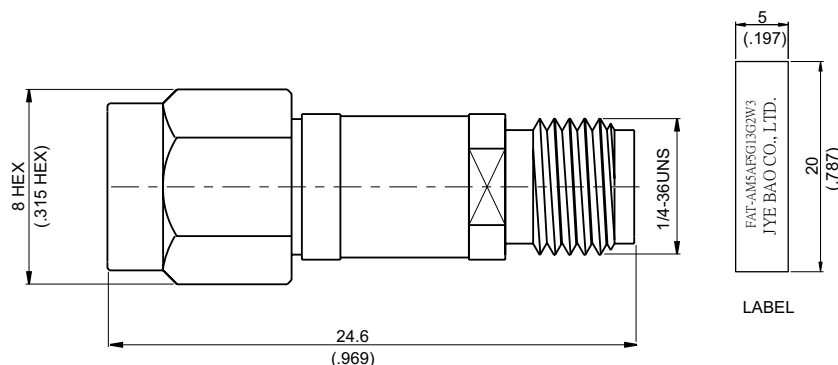


**FAT-AM5AF5G13G2W3**

**13GHz 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      | 5-13GHz     | DC-2GHz                       | 2-5GHz      | 5-10GHz     | 10-13GHz  |
| 3dB         | $\leq$ 1.1 | $\leq$ 1.25 | $\leq$ 1.35 | $\pm$ 0.2dB                   | $\pm$ 0.3dB | $\pm$ 0.5dB | $\pm$ 1dB |

| 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  |
| Renbrock Ring | Beryllium Copper | Tin-Zinc-Copper-Alloy 100 Over Copper |
| Insulator     | Teflon           |                                       |
| Gasket        | Silicon          |                                       |
| Coupling Nut  | Brass            | Gold 5 Over Nickel 50 Over Copper 50  |

Weight:

This part number complies with RoHS.

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