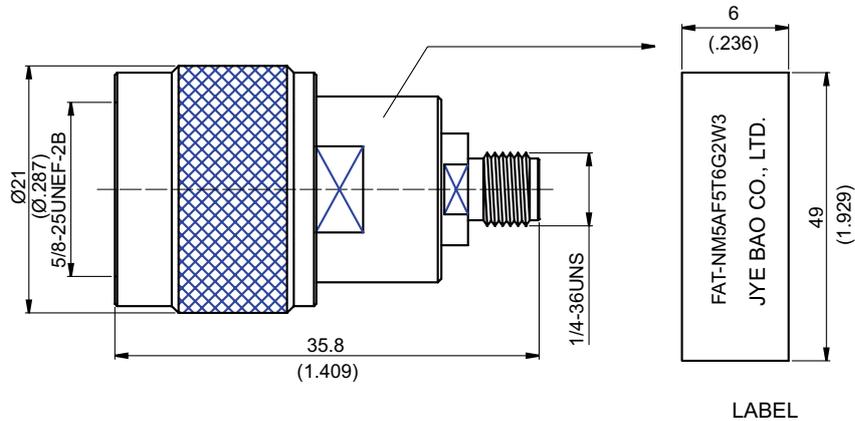


**FAT-NM5AF5T6G2W3**

**6GHz N Plug To SMA Jack Fixed Attenuator**



Nominal impedance: 50Ω+/-0.25Ω over operating temperature range.  
 Operating temperature range: -50 degrees Celcius to +80 degrees Celcius.  
 VSWR deviation: +/-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   |
| 3dB         | ≤1.1    | ≤1.25  | ≤1.35  | +/-0.2dB                      | +/-0.3dB | +/-0.5dB |

| Parts            | Material         | Plating (Micro-inch)                     |
|------------------|------------------|--|
| Body             | Brass            | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Insulator        | Teflon           |  |
| Contact Pin(SMA) | Beryllium Copper | Gold 20 Over Nickel 50 Over Copper 50    |
| Renbrock Ring    | Beryllium Copper | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Gasket           | Silicon          |  |
| Contact Pin(N)   | Brass            | Gold 5 Over Nickel 50 Over Copper 50     |
| Coupling Nut     | Brass            | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |

Weight:

**This part number complies with RoHS.**

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