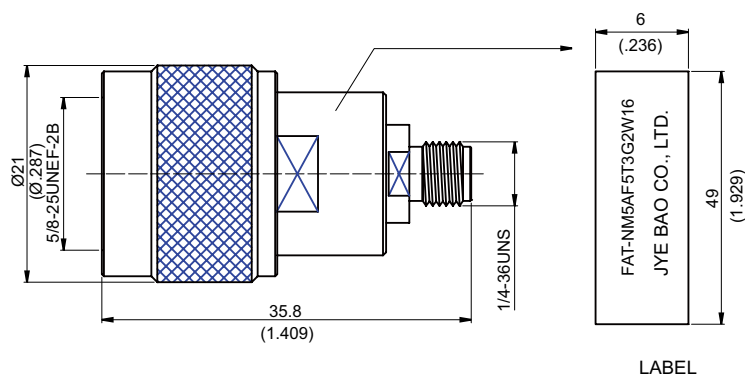


**FAT-NM5AF5T3G2W16**

**3GHz N 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    | 2-3GHz      | DC-2GHz                       | 2-3GHz       |
| 16dB        | $\leq 1.1$ | $\leq 1.25$ | $\pm 0.2$ dB                  | $\pm 0.3$ dB |

| 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.