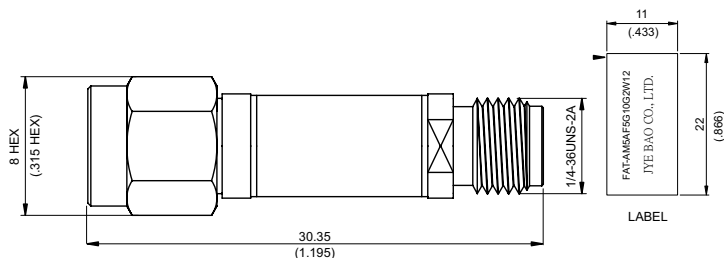


**FAT-AM5AF5G10G2W12**

**10GHz SMA 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	5-10GHz	DC-2GHz	2-5GHz	5-10GHz
12dB	≤1.1	≤1.25	≤1.35	+/-0.4dB	+/-0.6dB	+/-1dB

Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 10 Over Nickel 50 Over Copper 50
Body	Brass	Gold 5 Over Nickel 50 Over Copper 50
Renber Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper
Gasket	Silicon	
Insulator	Teflon	
Coupling Nut	Brass	Gold 5 Over Nickel 50 Over Copper 50

Weight: 5.86 g

**This part number complies with RoHS.**

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