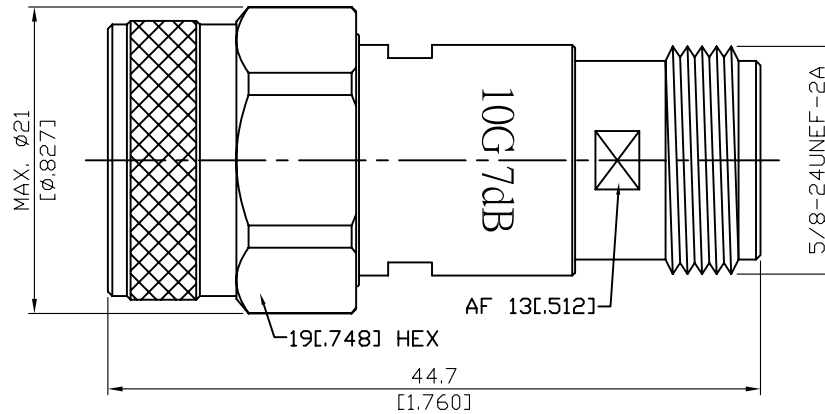


FATS-NM5NF5S10G2W7

7dB 50ohm Fixed Attenuator  
N Plug To N Jack 10GHz Rated 2W

50Ω



Nominal impedance:  $50\Omega \pm 0.25\Omega$  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 type.

Attenuation	VSWR			Attenuation deviation ( $\pm$ dB)		
	DC~2GHz	2~5GHz	5~10GHz	DC~2GHz	2~5GHz	5~10GHz
7dB	$\leq 1.15$	$\leq 1.25$	$\leq 1.35$	$\pm 0.2$ dB	$\pm 0.3$ dB	$\pm 0.5$ dB

Parts	Material	Plating ( Micro-inch )
Body	Stainless Steel	Passivated
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Gasket	Silicone	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Coupling Nut	Stainless Steel	Passivated

weight: 47.75 g