

# 8AP50NM75NF Impedance Matching Pad

## 8 GHz Impedance Matching Pad

Impedance matching pads are lab-grade tools used in measurement setups that require impedance conversion with low VSWR. The 8AP50NM75NF Impedance Matching Pad is a 50  $\Omega$  to 75  $\Omega$  or 75  $\Omega$  to 50  $\Omega$  impedance converter with type-N connectors.



## Specifications

<b>Frequency Range</b>	DC to 8000 MHz	
<b>Return Loss</b>	at 50 $\Omega$ port:	$\geq 30$ dB (DC - 7 GHz)
		$\geq 22$ dB (7 GHz - 8 GHz)
	at 75 $\Omega$ port:	$\geq 25$ dB (DC - 7 GHz)
		$\geq 20$ dB (7 GHz - 8 GHz)
<b>Insertion Loss</b>	5.7 + 0.4 dB	
<b>Max input power</b>	100 mW	
<b>RF connectors</b>	50 $\Omega$ end - Type N Male	
	75 $\Omega$ end - Type N (75 $\Omega$ ) Female	
<b>Operating temperature range</b>	-20°C to 85°C	
<b>Dimensions (WxHxD)</b>	0.9 x 0.8 x 3.5 in	

