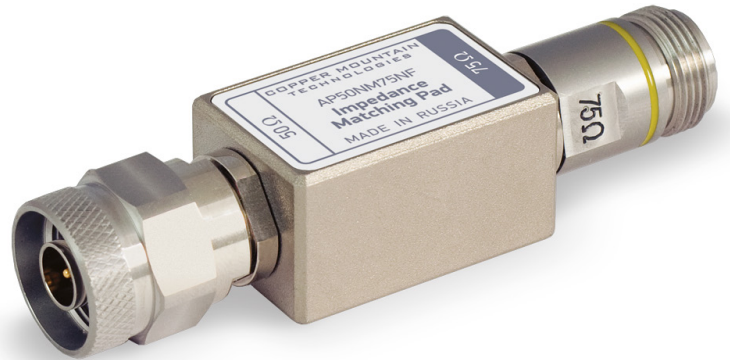


AP50NM75NF Impedance Matching Pad

3 GHz Impedance Matching Pad

Impedance matching pads are lab-grade tools used in measurement setups that require impedance conversion with low VSWR. The AP50NM75NF Impedance Matching Pad is a 50 Ω to 75 Ω or 75 Ω to 50 Ω impedance converter with type-N connectors that is rated for use in the frequency range from DC to 3.2 GHz.



Specifications

Frequency Range	DC to 3200 MHz
Return Loss	≥ 30 dB (DC - 2200 MHz) ≥ 26 dB (2200 MHz - 3200 MHz)
Insertion Loss	5.7 + 0.2 dB
Max input power	100 mW
RF connectors	50 Ω end - Type N Male 75 Ω end - Type N (75 Ω) Female
Operating temperature range	-20°C to 85°C
Dimensions (WxHxD)	0.9 x 0.8 x 3.5 in

Hardware Configurations

AP50NM75NF	50 Ω N Male to 75 Ω N Female
AP50NM75NM	50 Ω N Male to 75 Ω N Male



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 Ω to 75 Ω or 75 Ω to 50 Ω impedance converter with type-N connectors.



Specifications

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

