

# P350NM75NF Adapter DC - 12 GHz

This adapter is a lab-grade instrument used in RF and microwave work to adapt 50  $\Omega$  impedance to 75  $\Omega$  impedance. The P350NM75NF adapter is designed as a step in the inner conductor of a coaxial line.

Other connector configurations of 50  $\Omega$  to 75  $\Omega$  adapters are available.

## Specifications

<b>Frequency Range</b>	DC to 12 GHz
<b>VSWR</b>	1.5 typical
<b>Maximum input power</b>	5 Watt, average
<b>RF connectors</b>	50 $\Omega$ - Type N Male 75 $\Omega$ - 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



## Hardware Configurations

<b>P350NF75NM</b>	50 $\Omega$ N Female to 75 $\Omega$ N Male
<b>P350NM75NF</b>	50 $\Omega$ N Male to 75 $\Omega$ N Female
<b>P350NF75NF</b>	50 $\Omega$ N Female to 75 $\Omega$ N Female

NOTE: The center conductors on 75  $\Omega$  N connectors are smaller than the 50  $\Omega$  versions, and mating a 50  $\Omega$  male with a 75  $\Omega$  female will destroy the female contact, while mating a 75  $\Omega$  male with a 50  $\Omega$  female will result in a poor electrical connection.

