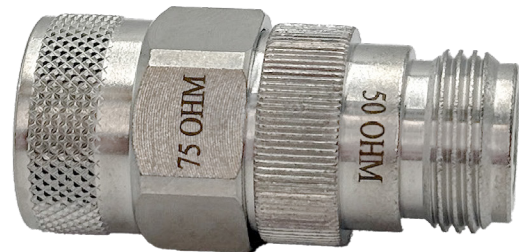


P350NF75NM Adapter DC - 12 GHz

This adapter is a lab-grade accessory used in RF and microwave work to adapt 50 Ω impedance to 75 Ω impedance. The P350NF75NM adapter is designed as a step in the inner conductor of a coaxial line.

Other connector configurations of 50 Ω to 75 Ω adapters are available.



Specifications

Frequency Range	DC to 12 GHz
VSWR	1.5 typical
Maximum input power	5 Watt, average
RF connectors	50 Ω - Type N 50 Ω Female 75 Ω - Type N 75 Ω Male
Operating temperature range	-65°C to 165°C
Dimensions (WxHxD)	0.9 x 0.8 x 3.5 in

Hardware Configurations

Recommended Coupling Nut Torque	6 to 10 in-lbs
Coupling Proof Torque	15 in-lbs
Coupling Nut Retention Force	≥ 101.2 lbs
Mating Cycles	≥ 500

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