



NF-NF
Coaxial Adapter NF-NF



Coaxial Adapter N Female to N Female

Features / Benefits

- Low VSWR Performance**
Excellent impedance matching minimizes reflections and ensures stable RF performance across the entire frequency range.
- Low Insertion Loss**
Minimal attenuation preserves signal quality and supports accurate, high-frequency signal transmission.
- High PIM Performance**
Outstanding intermodulation performance up to -163 dBc makes the adapters suitable for high-end RF and measurement applications.
- Broad Frequency Range**
Operates from DC to 6000 MHz, covering a wide range of test, measurement, and system integration needs.
- Port Saver Functionality**
Can be used as transition adapters or as port savers to protect sensitive measurement equipment from connector wear.
- Robust Outdoor Design**
IP86-rated housing enables reliable operation in demanding outdoor and industrial environments.

Technical Features

STRUCTURE

Product Type	Adapter	
Interface A	N	
Interface Gender A	Female	
Center Contact Material A	silver plated brass	
Outer Contact Material A	CuZnSn plated brass	
Center Contact Material B	silver plated spring bronze	
Outer Contact Material B	CuZnSn plated brass	
Body Material	nickel plated brass	
Dielectric Material	PTFE	
Gasket Material	silicone rubber	

ELECTRICAL SPECIFICATIONS

Frequency Range	DC - 11000 MHz	
VSWR	1.06 (0-3000MHz)	1.10 (3000-6000MHz)
Insertion Loss	0.1 dB	
3rd Order IM Product @ 2x20 Watts	< -163 dBc	

TESTING AND ENVIRONMENTAL

Operation Temperature min.	-45°C (-49°F)
Sealing Class	IP68