



**43M-NM**

Coaxial Adapter 43M-NM

Coaxial Adapter 4.3-10 Male to N Male



**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               | 4.3-10                      |
| Interface Gender A        | Male                        |
| Center Contact Material A | silver plated brass         |
| Outer Contact Material A  | CuZnSn plated brass         |
| Interface B               | N                           |
| 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 - 6000 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          |