

Complete Line of
Microwave & RF
Components
for Better Communications



P N I INTERNATIONAL

8(a) Certified



PNI International offers a complete line of Connectors, Cable Assemblies and passive components including Couplers, Dividers, Arrestors, Attenuators, and Filters.

RF/Microwave Connectors

We offer a complete range of RF coaxial connectors including MMCX, MCX, SMA, SMB, SMC, SMZ, BNC, TNC, N, 1.0/2.3 & 1.6/5.6 series and DIN 7/16 types as well as low loss adaptors and inserts. These products are manufactured to meet or exceed the requirements of MIL and, IEC standards. Customer's special requirements or modifications are also available.



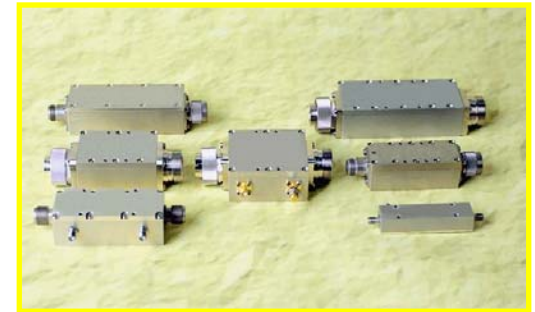
Directional Coupler

Directional couplers are reactive devices couple a defined fraction of a high power signal with minimal reflections or loss. The wide frequency range allows use of multiband antennas, radiating cable systems, and within wireless base stations. The insertion loss is minimized and reliability enhanced.

Features

- Couples over a broad bandwidth
- Multiple coupling values

- Minimal insertion loss
- High directivity
- Compact & Lightweight

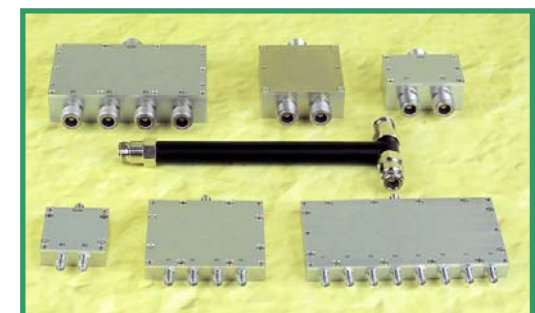


Power Divider

Power Dividers are intended for RF and wireless applications, which split high power signals into multiple output signals with specific phase and amplitude characteristics. A variety of 2-way thru 8-ways SMA & N connector I/O port to meet the most demanding requirements or exceed customer's specifications.

Features

- Broad bandwidth coverage
- Minimal insertion loss
- Rugged, high reliability
- Low passive intermodulation
- Compact & Lightweight



Surge Arrestor

Surge Arrestors are designed to prevent external harmful lightning surges and electrical transients from damaging sensitive components and modules inside microwave systems such as antennas, microwaves, broadband applications, two-way radios, cellular equipment and GPS equipment. The gas tube is a high speed switch that turns on at a specified voltage and short circuits the center conductor to the bulkhead. Available with TNC, BNC, SMA, N, and 7/16 DIN.

Applications

- Tower Mounted Amplifiers
- Tower Top Electronics
- Transmitters and Receivers
- Antenna Systems
- GPS & WiFi
- Broadband Wireless



Band Pass Filters/Duplexer

These products are often required component of today's telecommunication systems allowing transmitter and receiver signals through a common antenna. Our engineering know-how allows for greater attenuation while minimizing insertion loss as well as offering cost reductions.

Filters/Duplexers are custom designed to meet specific applications to achieve optimum performance.



Attenuator/Termination/DC Block

We offer a wide selection of high quality attenuators, terminations, and DC blocks. Rugged stainless steel construction attenuators feature high performance. Models are available in values up to 30 dB and are offered with SMA or N connectors. Terminations provide excellent electrical performance available with a variety of connectors and frequency ranges. Power ratings range from 1 to 150 Watts. DC blocks are available with voltage rating 50V DC and frequency range up to 3 GHz. Customer's special requirements or modifications are also available.



Cable Assemblies

We offer assembly of cables ranging from RG cables to semi-rigid, semi-flex and multi-flex cables. A wide range of high quality coaxial connectors or cables are used. Auto cutting, stripping and binding machines insure very low insertion loss characteristics, high reliability to meet customer's requirements.

PNI International is certified of

- SBA 8(a) DB Case No. : 109569
- DGS-CA Certificate No.: 0030600
- MBE Verification No.: 3BN00018
- Caltrans DBE Certificate No.: 034013
- US/Canada Joint Certification No.: 0039683



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