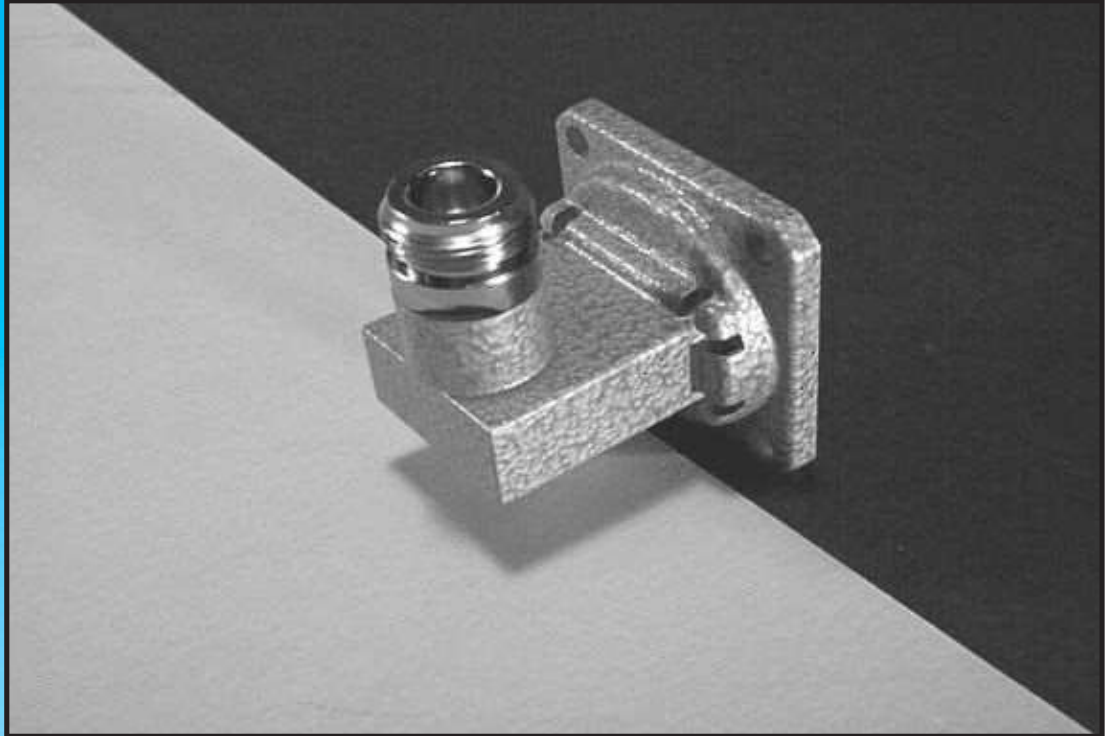


ADAPTERS- WAVEGUIDE TO TYPE "N"



PENN ENGINEERING offers a line of Type "N" Coax to Waveguide Adapters covering the frequency range of 1.12 to 18.0 GHz. These units are widely used in the test lab and in many commercial applications. Typical Insertion Loss is .1 dB.

Brass/Bronze Adapters are Silver plated per QQ-S-365D Class A, Aluminum Adapters are Chem-Filmed per MIL-C-5541E, and both are finished with PENN ENGINEERING'S Polyurethane Blue Paint.

Low VSWR (1.10:1) Adapters, covering portions of the waveguide band are also available as well as pressure-sealed adapters. We will design and build Custom Waveguide to Coax Adapters to your specifications.

PENN ENGINEERING COMPONENTS

12750 RAYMER ST.
N. HOLLYWOOD
CALIFORNIA 91605

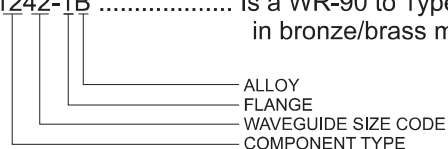
(818) 503-1511

FAX (818) 764-0195

www.pennengineering.com

ORDERING INFORMATION - TO ORDER, USE THE FOLLOWING EXAMPLE:

MODEL 1242-1B Is a WR-90 to Type "N" female with cover flange
in bronze/brass material

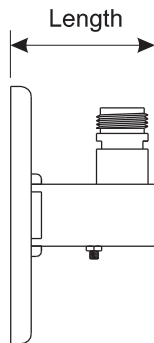
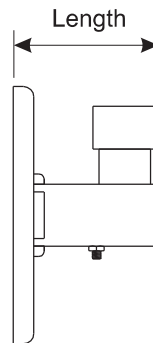


ALLOY: A= ALUMINUM B=BRONZE/BRASS

FLANGE: 1=COVER 2=CHOKE 3=CMR 4=CPRG 5=CPRF

(See last page for complete list of flanges and materials)

WAVEGUIDE TO TYPE "N" CONNECTOR


1200 SERIES FEMALE

1300 SERIES MALE

| Model # | | Waveguide Size EIA | Frequency Range(GHz) | VSWR (Max.) | Length (inches) |
|---------|------|-----------------------|-------------------------|----------------|--------------------|
| Female | Male | | | | |
| 1264 | 1364 | WR-650 | 1.12-1.70 | 1.25 | 5.62 |
| 1260 | 1360 | WR-430 | 1.70-2.60 | 1.25 | 4.12 |
| 1258 | 1358 | WR-340 | 2.20-3.30 | 1.25 | 3.50 |
| 1256 | 1356 | WR-284 | 2.60-3.95 | 1.25 | 3.00 |
| 1254 | 1354 | WR-229 | 3.30-4.90 | 1.25 | 2.12 |
| 1252 | 1352 | WR-187 | 3.95-5.85 | 1.25 | 2.00 |
| 1250 | 1350 | WR-159 | 4.90-7.05 | 1.25 | 2.00 |
| 1248 | 1348 | WR-137 | 5.85-8.20 | 1.25 | 1.75 |
| 1246 | 1346 | WR-112 | 7.05-10.0 | 1.25 | 1.50 |
| 1244 | 1344 | WR-102 | 7.00-11.0 | 1.25 | 1.50 |
| 1242 | 1342 | WR-90 | 8.2-12.4 | 1.25 | 1.50 |
| 1240 | 1340 | WR-75 | 10.0-15.0 | 1.25 | 1.50 |
| 1238 | 1338 | WR-62 | 12.4-18.0 | 1.25 | 1.50 |