

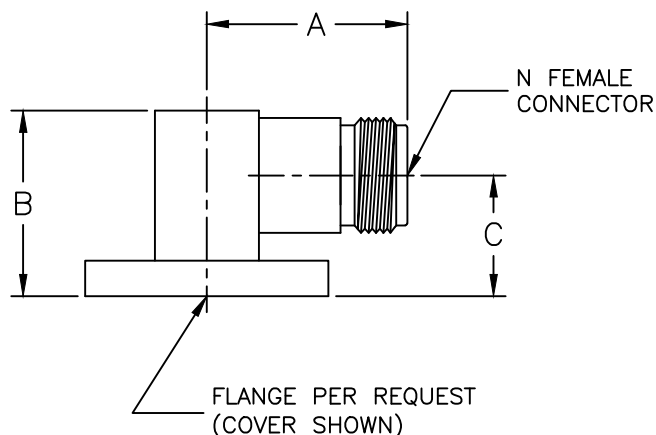
GENERAL INFORMATION:

Full Waveguide Frequency Range
 VSWR 1.25 Typ.
 Units Sealed To Hold 10 PSI
 Body Material Aluminum, Copper-Brass Per Order
 Multiple Flange Available Upon Request, See Flange Types
 Type N Female Precision Connectors
 Finishing Is Corrosion Resistant 316 Stainless Steel Epoxy Coating

ORDERING INFORMATION:

Materials: -A = Aluminum, -B = Copper/Brass
 Flange Type: -1 = CPRF, -2 = CPRG, -6 = Cover, -7 = Choke
 Example Part Number: WC-975N-A-1
 WC = W/G To NF Connector, -975N = W/G Size, -A = Aluminum, -1 = Flange Type

| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |



| STANDARD MODEL NO. | FREQUENCY RANGE (GHz) | W/G SIZE | DIM. -A- | DIM. -B- | DIM. -C- |
|--------------------|-----------------------|----------|----------|----------|----------|
| WC-975NH-A-1 | 0.75-1.12 | WR975 | 3.30 | 8.00 | 4.00 |
| WC-650NH-A-1 | 1.12-1.17 | WR650 | 2.44 | 5.00 | 2.40 |
| WC-430NH-A-1 | 1.70-2.60 | WR430 | 1.89 | 4.00 | 2.30 |
| WC-340NH-A-1 | 2.20-3.30 | WR340 | 1.67 | 3.50 | 2.29 |
| WC-284NH-A-1 | 2.60-3.95 | WR284 | 1.49 | 2.50 | 1.51 |
| WC-229NH-A-1 | 3.30-4.90 | WR229 | 1.37 | 2.25 | 1.35 |
| WC-187NH-A-1 | 3.95-5.85 | WR187 | 1.24 | 2.60 | 1.90 |
| WC-159NH-A-1 | 4.90-7.05 | WR159 | 1.20 | 2.33 | 1.70 |
| WC-137NH-A-1 | 5.85-8.20 | WR137 | 1.11 | 2.00 | 1.47 |
| WC-112NH-A-1 | 7.05-10 | WR112 | 1.15 | 1.14 | 0.68 |
| WC-102NH-A-1 | 7-11 | WR102 | 1.18 | 1.64 | 1.14 |
| WC-90NH-A-1 | 8.2-12.4 | WR90 | 1.10 | 1.00 | 0.63 |
| WC-75NH-A-1 | 10-15 | WR75 | 1.09 | 1.00 | 0.63 |
| WC-62NH-A-1 | 12.4-18 | WR62 | 1.08 | 1.00 | 0.65 |

F = FLANGE TYPES

- 1 = CPRF
- 2 = CPRG
- 3 = CMR STANDARD
- 4 = CMR THRU
- 5 = CMR TAP
- 6 = UG-COVER
- 7 = UG-CHOKE
- 8 = UG-COVER/GROOVE
- 9 = PDR
- 10 = UDR

| | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------|
| MATERIAL: | | MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://WWW.MCLI.COM | SCALE: | N/A |
| | | | SHEET: | N/A |
| UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.02 ±.015 ANGLE: ±1/2° | | DRAWING TITLE: WAVEGUIDE TO NF ADAPTERS | | |
| DRAWN: Paiboon Luexhamhan DATE: 05-24-2011 | | PART NO. WC-NH SERIES | | |
| APPROVED: T. Nguyen DATE: 05-24-2011 | | CAGE CODE: OD2L5 | SIZE: A | REV: A |
| | | DO NOT SCALE THE DRAWING | | DWG NO. 85697 |

