



Standard ATM Horns



Horn with Radome Cover



Tripod and Bracket Mounting



Wide Band Horns

STANDARD GAIN HORNS

- 10, 15, 20 and 24dB Gain
- Full Freq Band
- Bracket, Radome and Cal Options
- Coax [SMA, N, 7/16] Conn Options

WG Size (WR)	Freq (GHz)	Model No. (10dB Gain)	Model No. (15dB Gain)	Model No. (20dB Gain)	Model No. (High Gain)
WR 650	1.12 - 1.70	650-440-2	650-441-2	N/A	N/A
WR 430	1.70 - 2.60	430-440-2	430-441-2	430-442-2	N/A
WR 340	2.20 - 3.30	340-440-2	340-441-2	340-442-2	N/A
WR 284	2.60 - 3.95	284-440-6	284-441-6	284-442-6	284-443-6
WR 229	3.30 - 4.90	229-440-2	229-441-2	229-442-2	229-443-2
WR 187	3.95 - 5.85	187-440-6	187-441-6	187-442-6	187-443-6
WR 159	4.09 - 7.05	159-440-2	159-441-2	159-442-2	159-443-2
WR 137	5.85 - 8.20	137-440-2	137-441-2	137-442-2	137-443-2
WR 112	7.05 - 10.0	112-440-6	112-441-6	112-442-6	112-443-6
WR 102	7.00 - 11.0	102-440-6	102-441-6	102-442-6	102-443-6
WR 90	8.20 - 12.4	90-440-6	90-441-6	90-442-6	90-443-6
WR 75	10.0 - 15.0	75-440-6	75-441-6	75-442-6	75-443-6
WR 62	12.4 - 18.0	62-440-6	62-441-6	62-442-6	62-443-6
WR 51	15.0 - 22.0	51-440-6	51-441-6	51-442-6	51-443-6
WR 42	18.0 - 26.5	42-440-6	42-441-6	42-442-6	42-443-6
WR 34	22.0 - 33.0	34-440-6	34-441-6	34-442-6	34-443-6
WR 28	26.5 - 40.0	28-440-6	28-441-6	28-442-6	28-443-6

WIDE - BAND HORN ANTENNAS

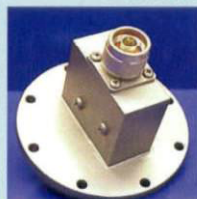
- Wide Freq Bands
- Flange or Coax Conn Options
- Bracket, Radome and Cal Options
- Light Weight Aluminum

WG Size or Coax. Conn. Type	Freq (GHz)	Model No.	Gain (dB) (Low to High Freq.)
TYPE-N	0.7-18	07-18-440-NF	1.4-15
TYPE-N	0.75-1.12	975-441-NF	12-2-15.1
TYPE-N	1.0 - 2.5	150-441EM-NF	9-11
TYPE-N	1.0-2.5	150-442EM-NF	17-20
TYPE-N	1.0-12.0	1-12-440EM-NF	8-12
7/16 Female	2.0-4.0	2-4-442EM-7/16	17-22
7/16 Female	4.0-6.0	4-6-442EM-7/16	17.5-20.5
7/16 Female	6.0-8.0	6-8-442EM-7/16	18-20
WRD250	2.5-7.5	250-441-C3	7-13
TYPE-N	2.5-7.5	250-441EM-NF	7-13
WRD250	2.5-7.5	250-442-C3	18-20
TYPE-N	2.5-8.0	250-442EM-NF	18-20
WRD650	6.5-18.0	650-442-C3	19.0-24
TYPE-N	6.5-18.0	650-442EM-NF	19.0-24
WRD750	7.5-18.0	750-442-C3	20.5-24
TYPE-N	7.5-18.0	750-442EM-NF	20.5-24
WRD180	18.0-40.0	18.0-442-C3	14-19
K-TYPE (F)	18.0-40.0	18.0-442-KF	14-19

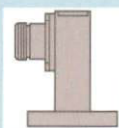
WAVEGUIDE TO COAX ADAPTERS



WR Right Angle



WR End Launch



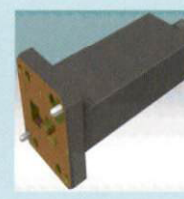
Right Angle



End Launch



WRD Right Angle



WRD End Launch

WAVEGUIDE TO COAX ADAPTERS

- Full Frequency Bands
- Flange and Coax Connector Options
- Coax Conn. [SMA, N, SC, TNC, 7/16]
- High Power Options
- VSWR: 1.25Max Std or 1.15Max Precision

Waveguide Size	Freq (GHz)	Model No. (SMA-f)	Model No. (Type N-f)	Precision SMA-F	Model No. (SMA-f)	Model No. (Type N-f)
WR 650	1.12 - 1.70	650-251A-2	650-253A-2	N/A	N/A	N/A
WR 430	1.70 - 2.60	430-251A-2	430-253A-2	N/A	430-201A-2	430-203A-2
WR 340	2.20 - 3.30	340-251A-2	340-253A-2	N/A	340-201A-2	340-203A-2
WR 284	2.60 - 3.95	284-251A-6	284-253A-6	284-251PrA-6	284-201A-6	284-203A-6
WR 229	3.30 - 4.90	229-251B-2	229-253B-2	229-251PrB-2	229-201B-2	229-203B-2
WR 187	3.95 - 5.85	187-251A-6	187-253A-6	187-251PrA-6	187-201A-6	187-203A-6
WR 159	4.90 - 7.05	159-251B-2	159-253B-2	159-251PrB-2	159-201B-2	159-203B-2
WR 137	5.80 - 8.20	137-251B-2	137-253B-2	137-251PrB-2	137-201B-2	137-203B-2
WR 112	7.05 - 10.0	112-251B-6	112-253B-6	112-251PrB-6	112-201A-6	112-203B-6
WR102	7.00 - 11.0	102-251A-6	102-253A-6	102-251PrA-6	102-201A-6	102-253A-6
WR 90	8.20 - 12.4	90-251A-6	90-253A-6	90-251PrA-6	90-201A-6	90-203A-6
WR 75	10.0 - 15.0	75-251A-6	75-253A-6	75-251PrA-6	75-201B-6	75-203B-6
WR 62	12.4 - 18.0	62-251A-6	62-253A-6	62-251PrA-6	62-201B-6	62-203B-6
WR 51	15.0 - 22.0	51-251B-6	N/A	51-251PrB-6	51-201B-6	N/A
WR 42	18.0 - 26.5	42-251B-6	N/A	42-25KPrA-6*	42-201B-6	N/A
WR 34	22.0 - 33.0	34-25KB-6*	N/A	34-25KPrB-6*	34-20KB-6	N/A
WR 28	26.5 - 40.0	28-25KA-6*	N/A	28-25KPrA-6*	28-20KA-6	N/A

* Type K connector

DOUBLE RIDGE WAVEGUIDE TO COAX ADAPTERS

- Full Frequency Bands
- Flange and Coax Connector Options
- Aluminum Only
- High Power Options
- VSWR: 1.25Max Std

Waveguide Size	Freq (GHz)	Model No. (SMA-f)	Model No. (Type N-f)
WRD 250	2.60 - 7.80	250-251-C1	250-253-C1
WRD 350	3.50 - 8.20	350-251-C1	350-253-C1
WRD 475	4.75 - 11.0	475-251-C1	475-253-C1
WRD 580	5.80 - 16.0	580-251-C1	580-253-C1
WRD 650	6.50 - 18.0	650-251-C1	650-253-C1
WRD 750	7.50 - 18.0	750-251-C1	750-253-C1
WRD 180	18.0 - 40.0	180-251-C1	180-253-C1
End Launch Models			
WRD 250	2.60 - 7.80	250-201-C1	250-203-C1
WRD 350	3.50 - 8.20	350-201-C1	350-203-C1
WRD 475	4.75 - 11.0	475-201-C1	475-203-C1
WRD 580	5.80 - 16.0	580-201-C1	580-203-C1
WRD 650	6.50 - 18.0	650-201-C1	650-203-C1
WRD 750	7.50 - 18.0	750-201-C1	750-203-C1
WRD 180	18.0 - 40.0	180-201-C1	180-203-C1