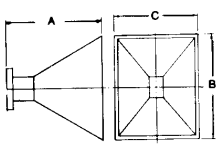

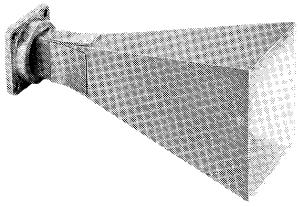

Antenna Horns

Series 110

• Standard Gain Design • Full Waveguide Frequency Range • Used as Gain Calibration Standard • Field Applications for Transmitting and Receiving

These antennas employ an optimum flared horn design for the standard gain level of 15 dB. Unknown antenna gains can be determined by comparison with these units. Excellent impedance matching is maintained over the full frequency range. Rugged mechanical design insures stable, accurate performance with continued field use.

Type "N" Model No.	Flange Model No.	Waveguide Size	Frequency (GHz)	Gain (dB) (f1/f2)	Beam Width (degrees) (f1/f2)	VSWR (max)	Dimensions (inches) A	B	C
N110L	110L	WR650	1.12-1.70	15/18	20/30	1.25	25	18	13½
N110M	110M	WR430	1.70-2.60	15/18	20/30	1.25	16½	14¼	11
N110S	110S	WR284	2.60-3.95	15/18	20/30	1.25	15¾	9¼	7
N110SC	110SC	WR229	3.30-4.90	15/18	20/30	1.25	12	7¾	6
N110C	110C	WR187	3.95-5.85	15/18	20/30	1.25	10¼	6¼	4¾
N110CA	110CA	WR159	4.90-7.05	15/18	20/30	1.25	9	5½	4⅛
N110A	110A	WR137	5.85-8.20	15/18	20/30	1.25	7¾	4⅝	3½
N110B	110B	WR112	7.05-10.0	15/18	20/30	1.25	7½	4	3
N110X	110X	WR90	8.2-12.4	15/18	20/30	1.25	6	3	2¼
N110XG	110XG	WR75	10.0-15.0	15/18	20/30	1.25	5½	2⅝	2
N110G	110G	WR62	12.4-18.0	15/18	20/30	1.25	5	2⅛	1⅝
–	110K	WR42	18.0-26.5	15/18	20/30	1.25	2¾	1½	1⅛
–	110T	WR28	26.5-40.0	15/18	20/30	1.25	2¼	1	¾