

# Products - Antennas and Components

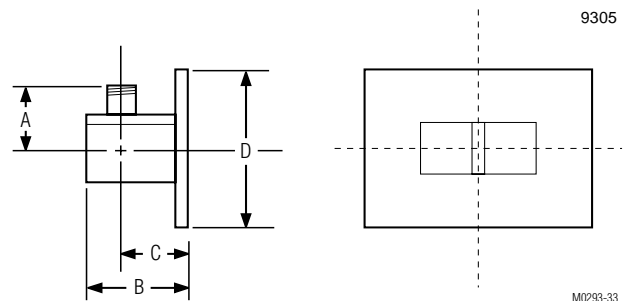
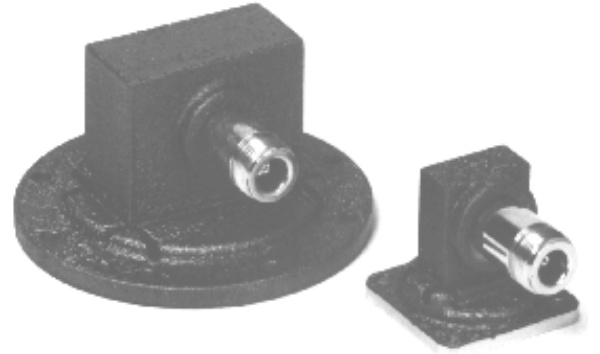
## Series 11 Coax-to-Waveguide Adapters

### Features

- Ideal for use with MI Technologies Standard Gain Horns and feeds

### Description

Series 11 Coax-to-Waveguide Adapters offer a convenient transition between waveguide and coaxial transmission line. Coverage from 350 MHz to 18.0 GHz is available in waveguide bandwidths. Each unit has a waveguide cover flange interface and a Type N connector. All flange interfaces are compatible with MI Technologies Series 12 Standard Gain Horns, Series 23 feeds and Series 30 feeds.



9305

M0293-33

### Specifications

Model No.	Freq. Range (GHz)	Flange Type (or equiv.)	Max VWSR	Waveguide (internal dia-inches)	Dimensions (inches)				Weight (lbs)	
					A	B	C	D	Net	Ship
11-0.4	0.35 to 0.53	<sup>1</sup>	1.5:1	21.00 x 10.50	6.32	13.75	5.31	14.32 x 24.64	20	25
11-0.5	0.50 to 0.75	<sup>1</sup>	1.5:1	15.00 x 7.50	4.82	11.04	5.25	11.00 x 18.50	16	20
11-0.75	0.75 to 1.12	<sup>1</sup>	1.5:1	9.75 x 4.88	3.45	8.62	5.38	8.38 x 13.25	8.5	10
11-0.9	0.95 to 1.50	<sup>1</sup>	1.5:1	7.70 x 3.85	2.94	6.22	3.66	7.43 x 11.25	4.75	7
11-1.1	1.12 to 1.70	UG-418B/U	1.5:1	6.50 x 3.25	2.63	5.50	3.06	5.54 x 8.69	2.75	5
11-1.7	1.70 to 2.60	UG-437B/U	1.25:1	4.30 x 2.15	2.08	3.62	2.10	4.18 x 6.34	1.5	4
11A-2.6	2.60 to 3.95	UG-53/U	1.25:1	2.84 x 1.34	1.88	3.0	2.05	5.31 dia.	2.3	4
11A-3.9	3.95 to 5.85	UG-149A/U	1.25:1	1.87 x 0.87	1.63	2.0	1.30	3.62 dia.	0.75	3
11A-5.8	5.85 to 8.20	UG-344	1.25:1	1.37 x 0.62	1.50	1.75	1.05	3.12 dia.	0.5	2
11A-8.2	8.20 to 12.40	UG-39/U	1.25:1	0.90 x 0.40	1.38	1.5	1.05	1.62 x 1.62	0.5	2
11-12.4	12.4 to 18	UG-419/U	1.5:1	0.622 x 0.311	1.37	1.7	1.05	1.31 x 1.31	0.5	2

<sup>1</sup>Does not have preferred military designation, but is compatible with mating Series 12 Standard Gain Horn.

### Ordering Information

Use the table located above to order the appropriate adapter.

### Options

Not Applicable

### Accessories

Not Applicable