

FEATURES

- Full Waveguide Bandwidth
- Precision Manufactured
- Low VSWR
- Designed to Fit NSI-MI's Standard Gain Horns (ANT-SGH)
- Designed to Fit Standard Waveguide RF Flanges

DESCRIPTION

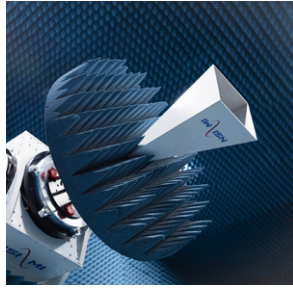
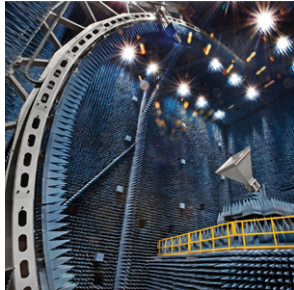
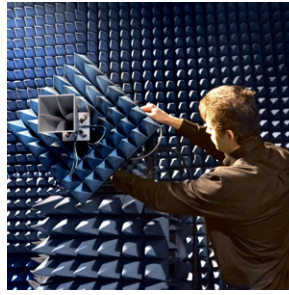
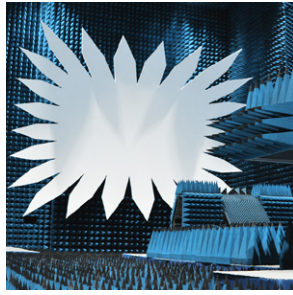
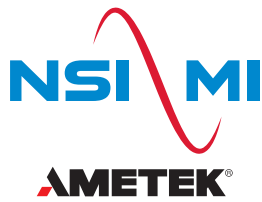
NSI-MI Technologies' Coax-to-Waveguide Adapters (ANT-CWA) offer a convenient transition between waveguide and coaxial transmission lines. Coverage from 350 MHz to 90 GHz is available in commonly used waveguide bands. Each unit has a waveguide flange interface and a connector. All flange interfaces are compatible with NSI-MI Technologies' Standard Gain Horns and many of NSI-MI's near-field probes and feeds.

INCLUDES

- ANT-CWA Coax-to-Waveguide Adapter
- User Manual

SPECIFICATIONS

Model	Frequency Range (GHz)	Material	Waveguide Type	Length cm (in.)	Weight kg (lb)	VSWR	CW Power Handling (W)	RF Connector
ANT-CWA-0.35-0.53	0.35 - 0.53	Aluminum	WR-2100	34.9 (13.8)	9 (20)	< 1.25:1	500	N-Female
ANT-CWA-0.41-0.63	0.41 - 0.63	Aluminum	WR-1800	29.3 (11.6)	8 (18)	< 1.25:1	450	N-Female
ANT-CWA-0.49-0.75	0.49 - 0.75	Aluminum	WR-1500	28 (11)	6 (12)	< 1.25:1	400	N-Female
ANT-CWA-0.64-0.96	0.64 - 0.96	Aluminum	WR-1150	25.9 (10.2)	4.1 (9)	< 1.25:1	350	N-Female
ANT-CWA-0.75-1.12	0.75 - 1.12	Aluminum	WR-975	21.9 (8.6)	3.2 (7)	< 1.25:1	300	N-Female
ANT-CWA-0.96-1.45	0.96 - 1.45	Aluminum	WR-770	15.8 (6.2)	2.3 (5)	< 1.25:1	300	N-Female
ANT-CWA-1.12-1.7	1.12 - 1.70	Aluminum	WR-650	14.6 (5.8)	1.4 (3)	< 1.25:1	300	N-Female
ANT-CWA-1.45-2.2	1.45 - 2.20	Aluminum	WR-510	12.7 (5.0)	0.9 (2)	< 1.25:1	250	N-Female
ANT-CWA-1.7-2.6	1.7 - 2.6	Aluminum	WR-430	10.7 (4.2)	0.6 (1.5)	< 1.25:1	225	N-Female
ANT-CWA-2.2-3.3	2.2 - 3.3	Aluminum	WR-340	8.9 (3.5)	0.5 (1)	< 1.25:1	200	N-Female
ANT-CWA-2.6-3.95	2.60 - 3.95	Aluminum	WR-284	8.6 (3.4)	0.5 (1)	< 1.25:1	175	N-Female
ANT-CWA-3.3-4.9	3.3 - 4.9	Aluminum	WR-229	6.6 (2.6)	0.2 (0.5)	< 1.25:1	150	N-Female
ANT-CWA-3.95-5.85	3.95 - 5.85	Aluminum	WR-187	6.4 (2.5)	0.2 (0.5)	< 1.25:1	125	N-Female
ANT-CWA-4.9-7.05	4.90 - 7.05	Aluminum	WR-159	5.8 (2.3)	0.2 (0.5)	< 1.25:1	100	N-Female
ANT-CWA-5.85-8.2	5.85 - 8.20	Aluminum	WR-137	4.8 (1.9)	0.2 (0.5)	< 1.25:1	100	N-Female
ANT-CWA-7.05-10	7.05 - 10.00	Aluminum	WR-112	4.8 (1.9)	0.2 (0.5)	< 1.25:1	100	N-Female
ANT-CWA-8.2-12.4	8.2 - 12.4	Aluminum	WR-90	4.6 (1.8)	0.2 (0.5)	< 1.25:1	75	N-Female
ANT-CWA-10-15	10.0 - 15.0	Aluminum	WR-75	4.6 (1.8)	0.2 (0.5)	< 1.25:1	75	N-Female
ANT-CWA-12.4-18	12.4 - 18.0	Aluminum	WR-62	4.6 (1.8)	0.2 (0.5)	< 1.25:1	50	N-Female
ANT-CWA-15-22	15.0 - 22.0	Aluminum	WR-51	3.8 (1.5)	0.2 (0.5)	< 1.25:1	15	2.92 mm
ANT-CWA-18-26.5	18.0 - 26.5	Aluminum	WR-42	3.8 (1.5)	0.2 (0.5)	< 1.25:1	15	2.92 mm
ANT-CWA-22-33	22.0 - 33.0	Aluminum	WR-34	3.8 (1.5)	0.2 (0.5)	< 1.3:1	15	2.92 mm
ANT-CWA-26.5-40	26.5 - 40.0	Aluminum	WR-28	3.8 (1.5)	0.2 (0.5)	< 1.3:1	10	2.92 mm
ANT-CWA-30-50	30.0 - 50.0	Aluminum	WR-22	3.8 (1.5)	0.2 (0.5)	< 1.3:1	10	2.4 mm
ANT-CWA-40-60	40.0 - 60.0	Brass	WR-19	3.8 (1.5)	0.2 (0.5)	< 1.3:1	-	1.85 mm
ANT-CWA-50-75	50.0 - 75.0	Brass	WR-15	2.5 (1)	0.2 (0.5)	< 1.3:1	-	1.85 mm
ANT-CWA-60-90	60.0 - 90.0	Brass	WR-12	2.5 (1)	0.2 (0.5)	< 1.3:1	-	1.85 mm



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AMETEK NSI-MI Technologies introduced the world to microwave antenna measurement systems and is the preferred global supplier of antenna, radar cross section, and radome measurement solutions. Today, our innovative products, systems, and services lead the industry in setting new standards for tomorrow's performance. From world-class in-house testing facilities to delivering industry-leading turnkey systems, we provide the highest quality measurement products on the market.

Our full range of standard products and custom-designed systems are backed by our longstanding commitment to precision-engineered accuracy, reliability, and lasting performance. We provide the right solution for every RF measurement need and our worldwide network of service professionals are always available to offer support.

For more information on ordering AMETEK NSI-MI Technologies' products, applications or services please contact your nearest NSI-MI office. Our complete sales team information is available at: www.nsi-mi.com/contact-us

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