

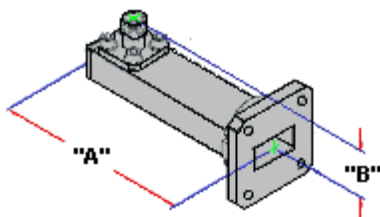


1425 Highland Avenue (Rt. 10) P.O. Box 728
 Cheshire, CT 06410 - 1216 U.S.A.
 Phone # 203 - 272 - 3234
 Fax # 203 - 271 - 0352
 E - mail: Sales@microtech - inc.com
 Visit our Web site: <http://www.microtech - inc.com>

WAVEGUIDE TO COAX ADAPTER SPECIFICATIONS

TYPICAL ELECTRICAL / MECHANICAL SPECIFICATIONS									
EIA WR SIZE	MODEL No.	FREQUENCY RANGE (GHz)	VSWR Max.	INSERTION LOSS (dB)	CONNECTOR TYPE *	FLANGE EQUIV.	MATERIAL	"A" DIMENSION (Max. Inches)	"B" DIMENSION (Max. Inches)
22	234923	33.00 - 50.00	1.35	0.40	2.9mm/2.4mm	Square	BRASS	1.50	0.70
28	229665	26.50 - 40.00	1.30	0.35	2.9mm/2.4mm	Cover	BRASS	1.00	0.70
34	240023	22.00 - 33.00	1.30	0.35	2.4mm/2.9mm	Cover	BRASS	1.25	.80
42	228100	18.00 - 26.50	1.25	0.30	2.9mm/3.5mm/SMA	Cover	BRASS	1.25	0.80
51	240024	15.00 - 22.00	1.25	0.30	2.9mm/3.5mm/SMA	Cover	BRASS	1.50	0.90
62	207194	12.40 - 18.00	1.25	0.20	SMA/N/TNC	Cover	BRASS	1.50	0.90
75	229666	10.00 - 15.00	1.25	0.20	SMA/N/TNC	Cover	BRASS	1.75	1.00
90	206998	8.20 - 12.40	1.25	0.20	SMA/N/TNC	Cover	BRASS	1.75	1.30
102	204874	7.00 - 11.00	1.25	0.15	SMA/N/TNC	Cover	BRASS	2.00	2.25
112	206477	7.05 - 10.00	1.25	0.15	SMA/N/TNC	Cover	BRASS	2.25	2.25
137	206476	5.85 - 8.20	1.25	0.10	SMA/N/TNC	Cover	BRASS	2.50	2.40
159	226325	4.90 - 7.05	1.25	0.10	SMA/N/TNC	CPRF	BRASS	3.00	2.50
187	206475	3.95 - 5.85	1.25	0.10	SMA/N/TNC	Cover	BRASS	2.75	1.55
229	219863	3.30 - 4.90	1.25	0.10	N	CPRF	BRASS	4.00	3.50
284	206474	2.60 - 3.95	1.25	0.10	N	Cover	BRASS	4.10	4.25
340	229667	2.20 - 3.30	1.20	0.05	N	CPRF	BRASS	4.10	4.50
430	207801	1.70 - 2.60	1.20	0.05	N	CPRF	ALUM	4.25	5.00
650	213002	1.12 - 1.70	1.20	0.05	N	CPRG	ALUM	5.25	7.25

*Standard Waveguide to Coax Adapters are supplied with a female connector.
 Customer to Specify by adding desired connector to part number as a suffix. Example: 206998-SMA.



Microtech Inc. Waveguide to Coax Adapters are made from a precision extruded tubing with the end caps silver or dip brazed to give you a precise and durable unit for both lab and systems use over the full specified operating band, with a minimum VSWR and Insertion Loss. These units can be built to be pressure tight on request.

Note: Other configurations and specifications available upon request.
 Adapters that conform to MIL-DTL-22641 are also available.
 Contact the factory with your requirements.