



Manufacturers-Precision Microwave Components
Cheshire, CT U.S.A.

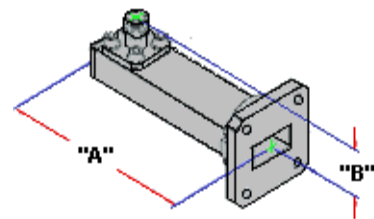
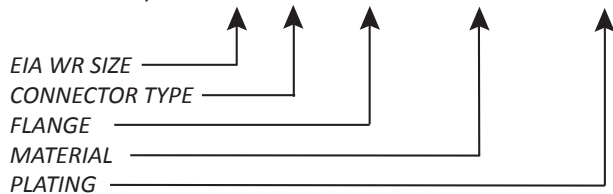
1425 Highland Ave (Rt. 10) P.O. Box 1
Cheshire, CT 06410-1216 U.
Phone #203-272-3234 Fax #203-272-0123
E-Mail: Sales@microtech-inc.com
Visit our website: <http://www.microtech-inc.com>

WAVEGUIDE TO COAX ADAPTER SPECIFICATIONS

TYPICAL ELECTRICAL / MECHANICAL SPECIFICATIONS						
EIA WR SIZE	FREQUENCY RANGE (GHz)	VSWR Max.	INSERTION LOSS (dB)	MATERIAL	"A" DIMENSION (Max. Inches)	"B" DIMENSION (Max. Inches)
22	33.00 - 50.00	1.35	0.40	BR/ALUM	1.5	0.7
28	26.50 - 40.00	1.30	0.35	BR/ALUM	1	0.7
34	22.00 - 33.00	1.30	0.35	BR/ALUM	1.25	0.8
42	18.00 - 26.50	1.25	0.30	BR/ALUM	1.25	0.8
51	15.00 - 22.00	1.25	0.30	BR/ALUM	1.5	0.9
62	12.40 - 18.00	1.25	0.20	BR/ALUM	1.5	0.9
75	10.00 - 15.00	1.25	0.20	BR/ALUM	1.75	1
90	8.20 - 12.40	1.25	0.20	BR/ALUM	1.75	1.3
102	7.00 - 11.00	1.25	0.15	BR/ALUM	2	2.25
112	7.05 - 10.00	1.25	0.15	BR/ALUM	2.25	2.25
137	5.85 - 8.20	1.25	0.10	BR/ALUM	2.5	2.4
159	4.90 - 7.05	1.25	0.10	BR/ALUM	3	2.5
187	3.95 - 5.85	1.25	0.10	BR/ALUM	2.75	1.55
229	3.30 - 4.90	1.25	0.10	BR/ALUM	4	3.5
284	2.60 - 3.95	1.25	0.10	BR/ALUM	4.1	4.25
340	2.20 - 3.30	1.20	0.05	BR/ALUM	4.1	4.5
430	1.70 - 2.60	1.20	0.05	BR/ALUM	4.25	5
650	1.12 - 1.70	1.20	0.05	BR/ALUM	5.25	7.25

Ordering Information

WR/WCX - 90 - SMA - COVER - ALUMINUM - IRIDITE



Connector Types.. N-SMA - TNC - 2.4mm - 2.9mm - 3.5mm

Flange Type: COVER - CPRG - CPRF - CMR - CHOKE

***Material: Brass, Aluminum, Copper

Plating: Iridite, Silver

Contact the factory with your requirements

Microtech, Inc. Waveguide to Coax Adapters are made from a precision extruded tubing with 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 pressure tight on request. A Waveguide Adapter will be supplied with Female connector unless otherwise specified.

NOTE: Other configurations and specifications are available upon request. Adapters that conform to Mil-DTL-22641 are also available

DATA 004WCX DOC

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