



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

1425 Highland Ave (Rt. 10) P.O. Box 728  
Cheshire, CT 06410-1216 U.S.A  
Phone #203-272-3234 Fax #203-272-0352  
E-Mail: Sales@microtech-inc.com

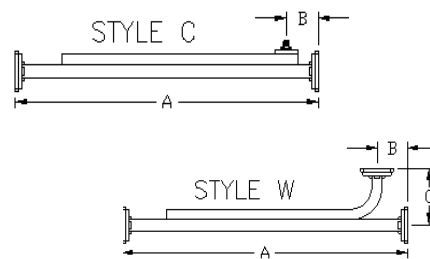
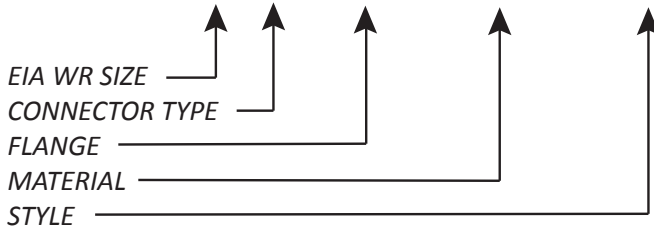
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## BROADWALL COUPLER SPECIFICATIONS

<b>TYPICAL ELECTRICAL SPECIFICATIONS</b>					
EIA WR SIZE	FREQUENCY RANGE (GHz)	COUPLING SENSITIVITY +/- (db)	COUPLING AVERAGE +/- (db)	PRIMARY ARM VSWR (Max.)	MINIMUM DIRECTIVITY (dB)
22	33.00 - 50.00	0.85	0.80	1.05	35
28	26.50 - 40.00	0.75	0.70	1.05	40
34	22.00 - 33.00	0.70	0.70	1.05	40
42	18.00 - 26.50	0.65	0.60	1.05	40
51	15.00 - 22.00	0.60	0.60	1.05	40
62	12.40 - 18.00	0.50	0.50	1.05	40
75	10.00 - 15.00	0.50	0.50	1.05	40
90	8.20 - 12.40	0.50	0.50	1.05	40
112	7.05 - 10.00	0.50	0.50	1.05	40
137	5.85 - 8.20	0.50	0.50	1.05	40
159	4.90 - 7.05	0.50	0.50	1.05	40
187	3.95 - 5.85	0.50	0.50	1.05	40
229	3.30 - 4.90	0.50	0.50	1.05	40
284	2.60 - 3.95	0.50	0.50	1.05	40
<b>TYPICAL MECHANICAL SPECIFICATIONS</b>					
EIA WR SIZE	"A" Dim. Inches	"B" Dim. Inches	"C" Dim. Inches	FLANGE TYPE	COAX STYLE JACK
22	8	0.50	1.25	COVER	2.4
28	9	1.06	1.25	COVER	2.9
34	10	1.13	1.50	COVER	2.9
42	11	1.25	1.75	COVER	SMA
51	13	1.25	2.25	COVER	SMA
62	14	1.00	2.00	COVER	SMA
75	17	1.25	2.25	COVER	SMA
90	19	1.50	2.50	COVER	SMA
112	22	1.75	3.00	COVER	N
137	26	1.75	3.00	CPRG	N
159	32	2.00	3.25	CMR	N
187	34	2.50	3.75	COVER	N
229	40	2.75	5.00	CPRF	N
284	47	3.25	6.00	COVER	N

### Ordering Information

*WRBC - 90 - SMA - COVER - ALUMINUM - "W" or "C"*



Sidewall Couplers are also available upon request.

Note: Standard coupling values are 3dB, 6dB, 10dB, 20dB, 30dB, and 40 dB. Other values and configurations available upon request. Contact the factory with your requirements.