



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

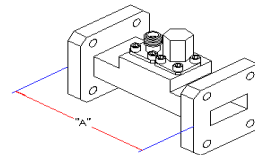
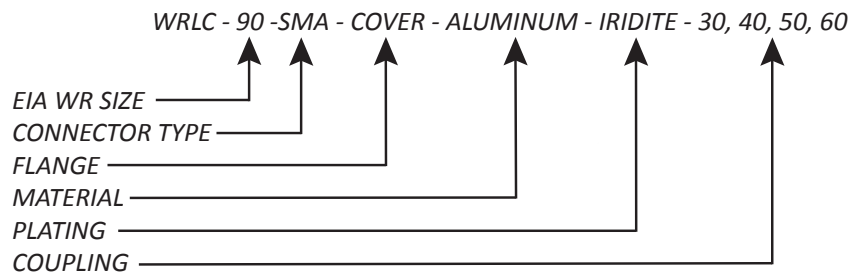
1425 Highland Ave (Rt. 10) P.O. Box 728
Cheshire, CT 06410-1216 U.S.A
Phone #203-272-3234 Fax #203-272-0352
E-Mail: Sales@microtech-inc.com

Visit our website: <http://www.microtech-inc.com>

LOOP COUPLER SPECIFICATIONS

TYPICAL ELECTRICAL / MECHANICAL SPECIFICATIONS						
EIA WR SIZE	FREQUENCY RANGE (GHz)	PRIMARY ARM VSWR Max.	COUPLING VARIATION +/- (dB)	FLANGE EQUIV.	"A" DIMENSION (Max. Inches)	CONNECTOR
22	33.00 - 50.00	1.10	3.0	Cover	3.50	2.9
28	26.50 - 40.00	1.10	2.0	Cover	2.50	2.9
34	22.00 - 33.00	1.10	2.0	Cover	2.50	2.9
42	18.00 - 26.50	1.10	2.0	Cover	2.25	SMA
51	15.00 - 22.00	1.10	1.5	Cover	2.50	SMA
62	12.40 - 18.00	1.10	1.5	Cover	2.50	SMA
75	10.00 - 15.00	1.10	1.5	Cover	3.00	SMA
90	8.20 - 12.40	1.10	1.5	Cover	3.00	SMA
112	7.05 - 10.00	1.10	1.5	Cover	4.00	SMA
137	5.85 - 8.20	1.10	1.0	Cover	5.00	N
159	4.90 - 7.05	1.10	1.0	CPRF	5.00	N
187	3.95 - 5.85	1.10	1.0	CPRF	5.00	N
229	3.30 - 4.90	1.10	1.0	CPRF	6.00	N
284	2.60 - 3.95	1.10	1.0	CPRF	8.00	N
340	2.20 - 3.30	1.10	1.0	CPRF	10.00	N

Ordering Information



- Standard couplings available are 30, 40, 50, and 60 +/-1dB. Others values available on special order.
Specify by adding coupling and style desired as a suffix to the part number. Example 233317X-30.
- Normal directivity is 15dB min