

**GENERAL INFORMATION:**

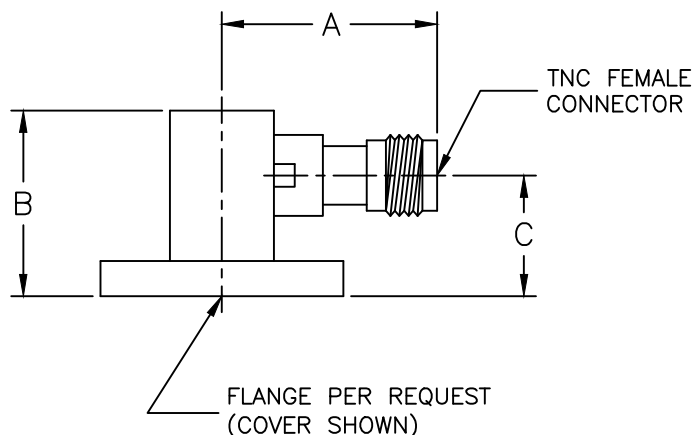
Full Waveguide Frequency Range  
 VSWR 1.25 Typ.  
 Units Sealed To Hold 10 PSI  
 Body Material Aluminum, Copper-Brass Per Order  
 Multiple Flange Available Upon Request, See Flange Types  
 Type TNC Female Precision Connectors  
 Finishing Is Corrosion Resistant 316 Stainless Steel Epoxy Coating

**ORDERING INFORMATION:**

Materials: -A = Aluminum, -B = Copper/Brass  
 Flange Type: -1 = CPRF, -2 = CPRG, -6 = Cover, -7 = Choke  
 Example Part Number: WC-650T-A-1  
 WC = W/G To TNC Connector, -650T = W/G Size, -A = Aluminum, -1 = Flange Type

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

STANDARD MODEL NO.	FREQUENCY RANGE (GHz)	W/G SIZE	DIM. -A-	DIM. -B-	DIM. -C-
WC-650T-A-1	1.12-1.17	WR650	2.43	5.00	2.40
WC-430T-A-1	1.70-2.60	WR430	1.88	4.00	2.30
WC-340T-A-1	2.20-3.30	WR340	1.66	3.50	2.29
WC-284T-A-1	2.60-3.95	WR284	1.48	2.50	1.51
WC-229T-A-1	3.30-4.90	WR229	1.36	2.25	1.35
WC-187T-A-1	3.95-5.85	WR187	1.23	2.60	1.90
WC-159T-A-1	4.90-7.05	WR159	1.19	2.33	1.70
WC-137T-A-1	5.85-8.20	WR137	1.10	2.00	1.47
WC-112T-A-1	7.05-10	WR112	1.23	1.14	0.67
WC-102T-A-1	7-11	WR102	1.17	1.64	1.14
WC-90T-A-1	8.2-12.4	WR90	1.17	1.00	0.63
WC-75T-A-1	10-15	WR75	1.17	1.00	0.63
WC-62T-A-1	12.4-18	WR62	1.16	1.00	0.65



**F = FLANGE TYPES**

- 1 = CPRF
- 2 = CPRG
- 3 = CMR STANDARD
- 4 = CMR THRU
- 5 = CMR TAP
- 6 = UG-COVER
- 7 = UG-CHOKE
- 8 = UG-COVER/GROOVE
- 9 = PDR
- 10 = UDR

MATERIAL:		MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://WWW.MCLI.COM	SCALE:	N/A	
			SHEET:	N/A	
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.02 ±.015 ANGLE: ±1/2°		DRAWING TITLE:	WAVEGUIDE TO TNC ADAPTERS		
DRAWN: Paiboon Luexhamhan		DATE: 05-24-2011	PART NO. WC-T SERIES		
APPROVED: T. Nguyen		DATE: 05-24-2011	CAGE CODE: OD2L5	SIZE: A	REV: N/A
PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)		THIRD ANGLE PROJECTION 	DWG NO. 85698		DO NOT SCALE THE DRAWING