

**GENERAL INFORMATION:**

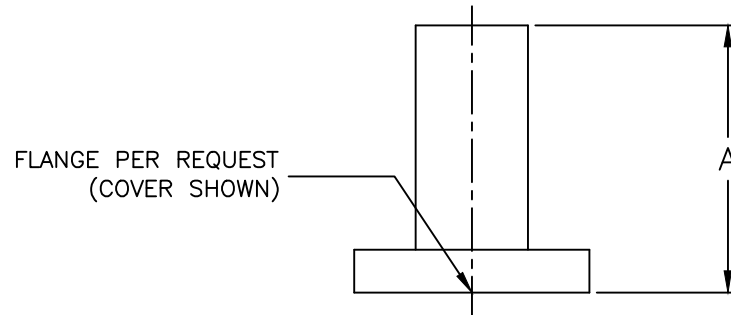
Full Waveguide Frequency Range  
 Low Out Gassing Characteristics  
 Units Sealed To Hold 10 PSI  
 Body Material Aluminum, Copper-Brass Per Order  
 Multiple Flange Available Upon Request, See Flange Types  
 Finishing Is Corrosion Resistant 316 Stainless Steel Epoxy Coating

**ORDERING INFORMATION:**

Materials: -A = Aluminum, -B = Copper/Brass  
 Flange Type: -1 = CPRF, -2 = CPRG, -6 = Cover, -7 = Choke  
 Example Part Number: WTM-90-A-6  
 WTM = Termination Series, -90 = WR90 Size, -A = Aluminum, -6 = Flange Type

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

W/G SIZE	FREQUENCY RANGE (GHz)	POWER Watts	DIM. -A-
WR650	1.12-1.17	1500	13
WR430	1.70-2.60	1200	12
WR340	2.20-3.30	1200	12
WR284	2.60-3.95	1200	11
WR229	3.30-4.90	1000	9.75
WR187	3.95-5.85	750	8.38
WR159	4.90-7.05	625	8
WR137	5.85-8.20	500	8
WR112	7.05-10	425	7
WR102	7-11	325	6.5
WR90	8.2-12.4	225	5.5
WR75	10-15	200	4.5
WR62	12.4-18	100	3.25
WR42	18-26.5	100	3.5
WR28	26.5-40	75	4
WR22	33-50	25	2.5



**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			
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.02 ±.015 ANGLE: ±1/2°			SHEET: N/A			
DRAWING TITLE:		WAVEGUIDE TERMINATION				
PART NO.:		WTM SERIES				
DRAWN:	DATE:	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)	CAGE CODE:	SIZE: A	REV: N/A	DWG NO.:
APPROVED:	DATE:		0D2L5	DO NOT SCALE THE DRAWING		85702
Paiboon Luengkhamhan T. Nguyen		05-24-2011 05-24-2011		THIRD ANGLE PROJECTION		