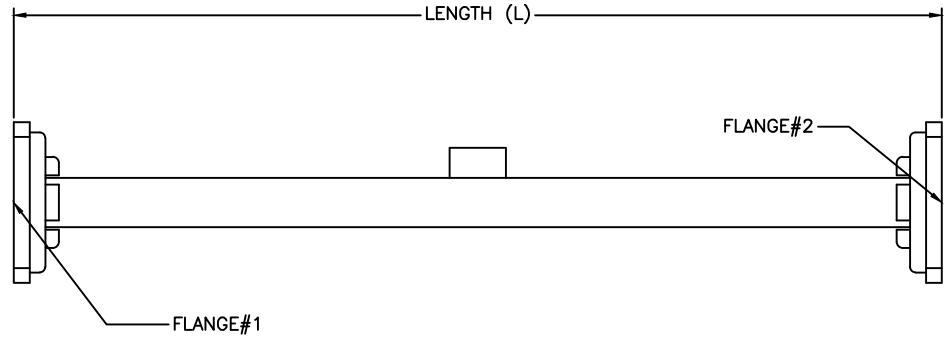


PART NUMBER (WR ###=WG SIZE)	FREQUENCY RANGE (GHz)	VSWR MAX.	POWER WATTS	CALIBRATION FREQUENCY* (GHz)	LENGTH (L) INCHES
AWF650-M-dB-FF	1.12-1.7	1.15:1	11	1.4	25
AWF430-M-dB-FF	1.7-2.6	1.15:1	11	2.2	22
AWF340-M-dB-FF	2.2-3.3	1.15:1	11	2.75	18
AWF284-M-dB-FF	2.6-3.95	1.15:1	11	3.2	10
AWF229-M-dB-FF	3.3-4.9	1.15:1	9	4	9
AWF187-M-dB-FF	3.95-5.85	1.15:1	7	4.9	8.5
AWF159-M-dB-FF	4.9-7.05	1.15:1	5	6.1	8
AWF137-M-dB-FF	5.85-8.2	1.15:1	4	7	6
AWF112-M-dB-FF	7.05-10	1.15:1	3	8.5	5
AWF90-M-dB-FF	8.2-12.4	1.15:1	2	10.3	4
AWF75-M-dB-FF	10-15	1.15:1	1	12.5	3
AWF62-M-dB-FF	12.4-18	1.15:1	1	15	3
AWF51-M-dB-FF	15-22	1.15:1	1	18	3
AWF42-M-dB-FF	18-26.5	1.15:1	1	22	3
AWF34-M-dB-FF	22-33	1.20:1	1	27	3
AWF28-M-dB-FF	26.5-40	1.20:1	1	33	3

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



ORDERING INFORMATION/PART NUMBERS: AWF650-A-30-2-2

AWF = FIXED SERIES
 650 = WR650 (From WR28 to WR650)
 M = MATERIAL (A,B)
 A = ALUMINUM
 B = BRASS/COPPER

FLANGE2: 1=CPRG, 2=CPRF, 6=COVER, 7=CHOKE, 8=COVER GROOVE
 FLANGE1: 1=CPRG, 2=CPRF, 6=COVER, 7=CHOKE, 8=COVER GROOVE
 Calibration frequency standard otherwise add your desire frequency last
 dB = ATTENUATION VALUES (STD)
 STD: 3dB, 6dB, 10dB, 20dB, 30dB

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: ± 0.01 ± 0.005 ANGLE: ± 1/2°			DRAWING TITLE: WAVEGUIDE ATTENUATOR, FIXED		SHEET:	N/A
DRAWN: Paiboon Luekhamhan		DATE: 02-11-2011		PART NO. AWF28-M-dB-FF to AWF650-M-dB-FF		
APPROVED: T. Nguyen		DATE: 02-11-2011		CAGE CODE: OD2L5	SIZE: C	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)				DWG NO. 85503		DO NOT SCALE THE DRAWING