

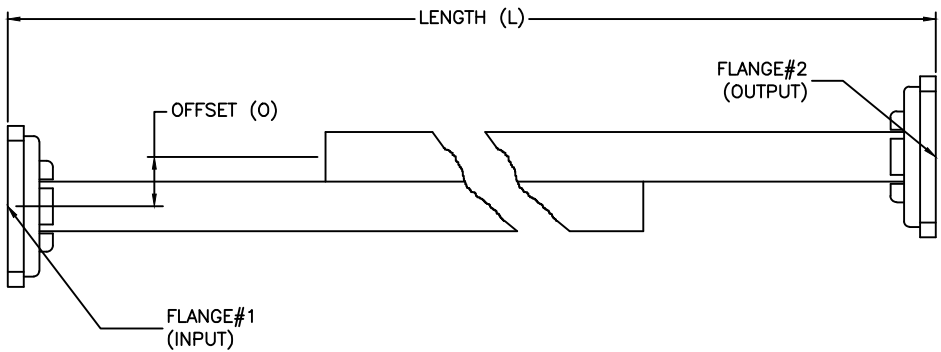
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

PART NUMBER (WR)	FREQUENCY (GHz)	VSWR	POWER (W)	LENGTH (L)	OFFSET (O)
AWG430-M-dB-FF	1.7-2.6	1.08:1	15	54.0"	2.230"
AWG340-M-dB-FF	2.2-3.3	1.08:1	12	42"	1.780"
AWG284-M-dB-FF	2.6-3.95	1.08:1	10	33"	1.420"
AWG229-M-dB-FF	3.3-4.9	1.08:1	10	27"	1.209"
AWG187-M-dB-FF	3.95-5.85	1.08:1	8	24"	0.936"
AWG159-M-dB-FF	4.9-7.05	1.08:1	7	24"	0.859"
AWG137-M-dB-FF	5.85-8.2	1.08:1	6	22.5"	0.686"
AWG112-M-dB-FF	7.05-10	1.08:1	4	16"	0.561"
AWG90-M-dB-FF	8.2-12.4	1.08:1	4	14.5"	0.450"
AWG75-M-dB-FF	10-15	1.08:1	2	13.5"	0.425"
AWG62-M-dB-FF	12.4-18	1.08:1	1.5	11.5"	0.351"
AWG51-M-dB-FF	15-22	1.08:1	1.0	11.5"	0.295"
AWG42-M-dB-FF	18-26.5	1.08:1	0.5	9.5"	0.210"
AWG34-M-dB-FF	22-33	1.08:1	0.5	9.5"	0.210"
AWG28-M-dB-FF	26.5-40	1.08:1	0.5	9"	0.180"

SPECIFICATIONS

Electrical
 Std. Attenuation values: 10, 20, 30, 40, 50dB
 Nominal Attenuation accuracy: +/- 0.50dB (+/- 0.75dB for WR42, WR34, WR28)
 Freq. Sensitivity: +/- 0.60 dB (+/- 0.75dB for WR42, WR34, WR28)

Mechanical
 Size: See Tables
 Std. Body: Aluminum/Copper Brass
 Finish: 316 Stainless steel epoxy coating, corrosion resistant



ORDERING INFORMATION/PART NUMBERS: AWG430-A-50-2-2

AWG = FIXED PRECISION SERIES
 430 = WR430 (From WR28 to WR430)
 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
 dB = ATTENUATION VALUES (STD)
 STD: 10dB, 20dB, 30dB, 40dB, 50dB

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 PRECISION		SHEET: N/A
DRAWN: Paiboon Luekhamhan		DATE: 02-11-2011		PART NO. AWG28-M-dB-FF to AWG430-M-dB-FF	
APPROVED: T. Nguyen		DATE: 02-11-2011		CAGE CODE: OD2L5	SIZE: C REV: N/A DWG NO. 85502
THIRD ANGLE PROJECTION DO NOT SCALE THE DRAWING					