

Page 12	18.0	26.5	33.0	40.0	50.0	60.0	75.0	90.0	110.0	140.0	170.0	220.0
TE ₁₀ FREQUENCY IN GHz	26.5	40.0	50.0	60.0	75.0	90.0	110.0	140.0	170.0	220.0	260.0	325.0
AEROWAVE FLANGE INTERFACE	42-0101	28-0101	22-0110	19-0110	15-0120	12-0120	10-0120	08-0130	06-0130	05-0130	04-0130	03-0130
EIA WAVEGUIDE WR- (##)	42	28	22	19	15	12	10	08	06	05	04	03
ADJUSTABLE FIXED ATTEN. (##)-2100 \$	375	300	350	375	340	370	400					
FIX ATTENUATING ELEMENT AT DESIRED FREQUENCY AND ATTENUATION (dB) VALUE												
FIXED ATTENUATORS												
SPECIFY FREQUENCY / (GHz)												
MAXIMUM CW Po (WATTS)	1.0	0.8	0.6	0.5	0.4	0.3	0.2					
TYPICAL VSWR -----	1.1:1	1.1:1	1.1:1	1.1:1	1.1:1	1.1:1	1.1:1					
INSERTION LENGTH (INCHES)	2.50	2.00	2.00	2.00	1.75	1.75	1.75					
(##)-2103 / (GHz) 3 dB VALUE \$												
(##)-2106 / (GHz) 6 dB VALUE \$												
(##)-2110 / (GHz) 10 dB VALUE \$	360	285	335	360	315	345	375					
(##)-2120 / (GHz) 20 dB VALUE \$												
HiPo ADJUSTABLE FIXED ATTEN. (##)-2150 \$	450	375	410	450	440	470	500					
FIX ATTENUATING ELEMENT AT DESIRED FREQUENCY AND ATTENUATION (dB) VALUE												
HiPo FIXED ATTENUATORS												
SPECIFY FREQUENCY / (GHz)												
MAXIMUM CW Po (WATTS)	8.0	6.0	4.0	3.0	2.0	1.5	1.0					
TYPICAL VSWR -----	1.2:1	1.2:1	1.2:1	1.2:1	1.2:1	1.2:1	1.2:1					
INSERTION LENGTH (INCHES)	2.50	2.00	2.00	2.00	1.75	1.75	1.75					
(##)-2153 / (GHz) 3 dB VALUE \$												
(##)-2156 / (GHz) 6 dB VALUE \$												
(##)-2160 / (GHz) 10 dB VALUE \$	435	360	395	435	415	445	475					
(##)-2170 / (GHz) 20 dB VALUE \$												

ELECTRICAL SPECIFICATIONS LISTED ARE AS MEASURED ON LOW LEVEL SWEEP SYSTEMS TO 176 GHz

Page 13	TE ₁₀ FREQUENCY IN GHz	18.0	26.5	33.0	40.0	50.0	60.0	75.0	90.0	110.0	140.0	170.0	220.0
		26.5	40.0	50.0	60.0	75.0	90.0	110.0	140.0	170.0	220.0	260.0	325.0
AEROWAVE FLANGE INTERFACE		42-0101	28-0101	22-0110	19-0110	15-0120	12-0120	10-0120	08-0130	06-0130	05-0130	04-0130	03-0130
EIA WAVEGUIDE WR- (##)		42	28	22	19	15	12	10	08	06	05	04	03
DIRECT READING ATTENUATORS													
(##)-2200 \$													
ATTENUATION RANGE 0 – 50 dB													
INSERTION LOSS MAX. (dB)													
MAXIMUM CW Po. (WATTS)													
TYPICAL VSWR -----													
INSERTION LENGTH (INCHES)													
VARIABLE ATTENUATORS													
> 30 dB ATTENUATION													
MAXIMUM CW Po. (WATTS)		1.0	0.8	0.6	0.5	0.4	0.3	0.2	0.1	.08	.05	.03	.01
TYPICAL VSWR -----		1.1:1	1.1:1	1.1:1	1.1:1	1.1:1	1.1:1	1.1:1	1.1:1	1.1:1	1.1:1	1.2:1	1.3:1
INSERTION LENGTH (INCHES)		3.50	3.00	3.00	3.00	2.75	2.75	2.75	2.50	2.50	2.50	2.50	2.50
(##)-2210 KNOB VARIABLE \$		625	475	500	550	500	550	625	775	825	875	1050	1250
LEVEL SETTING - W / LOCKING NUT													
(##)-2220 DIAL VARIABLE * \$		750	600	625	700	625	675	750	950	1025	1250	1550	1850
PRECISION REPEATABILITY - LOCKING													
(##)-2225/(GHz) DIAL CALIB.* \$		900	750	800	900	825	875	925					
SPECIFY CALIBRATION FREQUENCY													
(##)-2230 MIKE VARIABLE \$		750	600	625	700	--	--	--					
PRECISION REPEATABILITY - LOCKING													
Hi. Po. VARIABLE ATTENUATORS													
> 30 dB ATTENUATION													
MAXIMUM CW Po. (WATTS)		6.0	4.0	3.0	2.0	1.0	0.8	0.6	0.4	0.2			
TYPICAL VSWR -----		1.1:1	1.1:1	1.1:1	1.1:1	1.1:1	1.1:1	1.1:1	1.2:1	1.2:1			
INSERTION LENGTH (INCHES)		3.50	3.00	3.00	3.00	2.75	2.75	2.75	2.50	2.50	2.50	2.50	2.50
(##)-2260 KNOB VARIABLE \$		725	575	625	700	625	700	775	950	1125	Q	Q	Q
LEVEL SETTING - W / LOCKING NUT													
(##)-2270 DIAL VARIABLE * \$		875	725	775	850	775	875	975	1350	1525	Q	Q	Q
PRECISION REPEATABILITY - LOCKING													

* DIALS ARE DIFFERENTIAL DRIVE MECHANISMS FOR EXTRA FINE CONTROL OF ATTENUATION
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