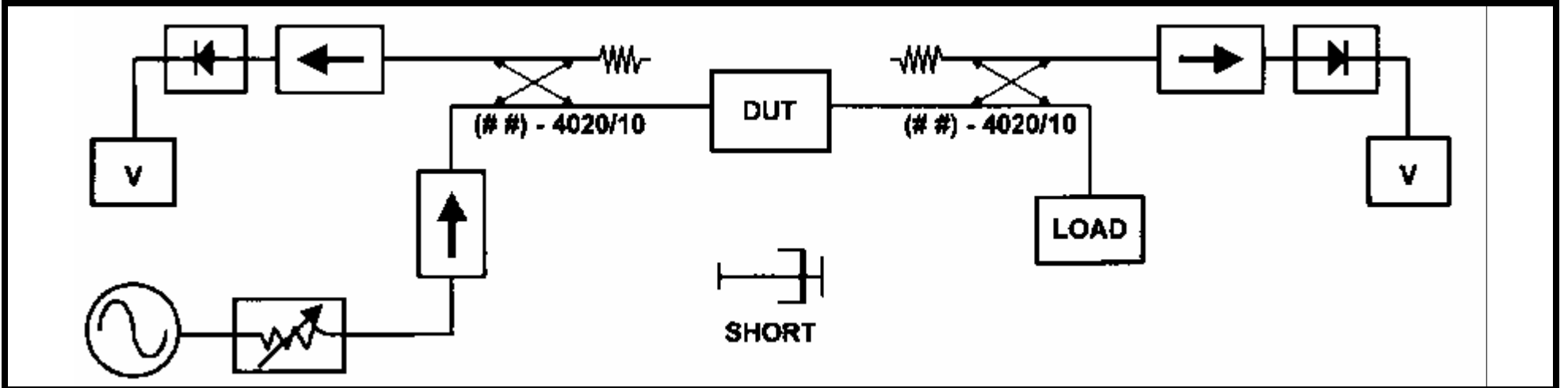


Page 22	TE ₁₀ FREQUENCY IN GHz	18.0	26.5	33.0	40.0	50.0	60.0	75.0	90.0	110.0	140.0	170.0	220.0
		26.5	40.0	50.0	60.0	75.0	90.0	110.0	140.0	170.0	220.0	260.0	325.0
	AEROWAVE FLANGE INTERFACE	42-0101	28-0101	22-0110	19-0110	15-0120	12-0120	10-0120	08-0130	06-0130	05-0130	04-0130	03-0130
	EIA WAVEGUIDE WR- (##)	42	28	22	19	15	12	10	08	06	05	04	03
DUAL ARM COUPLERS AND Po. DIVIDERS DIRECTIVITY > 30 dB		TYPICAL VSWR VALUES -- MAINLINE 1.10:1 COUPLING ARM 1.20:1											
INSERTION LENGTH (INCHES)		13.00	10.00	8.75	7.75	6.50	5.75	5.00	4.25	4.00	3.50	3.00	3.00
DUAL ARM COUPLERS		SPECIFY COUPLING VALUE - - - - / (dB) / (dB) 10, 20, 30, 40											
(##)-4200 / (dB) / (dB)	\$	2300	1900	2100	2400	2100	2400	2700	3200	3800	4400		
FULL BW COUPLING VARIANCE	± (dB)	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.8	0.8	0.9		
(##)-4220 / (dB) / (dB)	\$	2500	2100	2300	2600	2300	2600	2900	3600	4200	4800		
FULL BW COUPLING VARIANCE	± (dB)	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.8	0.8	0.9		
(##)-4240 / (dB) / (dB)	\$	2700	2300	2500	2800	2600	2900	3200	4000	4600	5200		
FULL BW COUPLING VARIANCE	± (dB)	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.8	0.8	0.9		
DUAL ARM POWER DIVIDERS		SPECIFY DIVISIONAL VALUE - - - - / (%) :1 / (%) :1 - - - - 2:1, 3:1											
(##)-4201/1:x:1	\$	2500	2100	2300	2600	2300	2600	3000	3500	--	--	--	--
FULL BW COUPLING ARM UNITY	± (dB)	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5				
(##)-4221/(%):1/(%):1	\$	2800	2400	2600	2900	2700	3000	3300	4000	--	--	--	--
FULL BW DIVISIONAL VARIANCE	± %	6	6	6	6	7	7	8	9				
(##)-4241/1:x:1	\$	3000	2600	2800	3100	3000	3300	3600	4300	--	--	--	--
FULL BW COUPLING ARM UNITY	± (dB)	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5				



AEROWAVE'S #02 DIRECTIONAL COUPLER CONFIGURATION ENHANCES SYSTEM DIRECTIVITY AND INCREASES THE SENSITIVITY AND ACCURACY OF MEASUREMENTS IN SCALAR NETWORK ANALYZER (REFLECTOMETER) SYSTEMS