



MODELS 6005265, 6010265 & 6020265 MLDD 2-WAY POWER DIVIDERS/COMBINERS 0.5-26.5, 1.0-26.5 & 2.0-26.5 GHz



MLDD signifies Matched-line Directional Divider, a new class of microwave directional devices invented and patented by Tom Russell.

SPECIFICATIONS

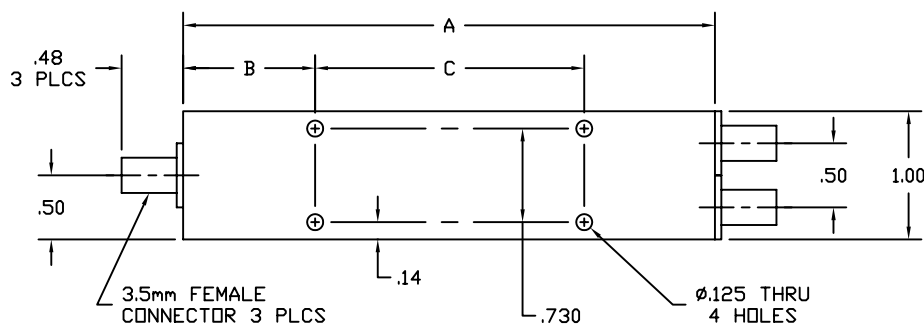
FREQUENCY RANGE (GHz)	MODEL	BAND SEGMENTS	VSWR	INSERTION LOSS (dB)	ISOLATION (dB)	AMPLITUDE TRACKING (dB)	PHASE TRACKING (deg.)	WEIGHT (ounces)
0.5 - 26.5	6005265	0.5 - 18	1.45	1.5	19	0.3	6	7
		18 - 26.5	1.60	1.9	19	0.5	10	
1.0 - 26.5	6010265	1.0 - 18	1.45	1.2	19	0.3	6	4
		18 - 26.5	1.60	1.6	21	0.5	10	
2.0 - 26.5	6020265	2.0 - 18	1.45	1.1	19	0.3	6	2
		18 - 26.5	1.60	1.4	18	0.5	10	

Amplitude and phase tracking are the ratio of one output to the other in dB or degrees respectively.

Input power rating is 10 watts with 2:1 load VSWR's.

Units with tighter amplitude and phase tracking specifications can be supplied.

DIMENSIONS



MODEL	A	B	C
6005265	7.75	1.13	5.500
6010265	4.15	1.03	2.100
6020265	2.25	1.13	0.000



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TYPICAL PERFORMANCE CURVES

