

Directional Coupler

ZUDC20-06183-S+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
6000	0.25	20.41	22.73	22.73	25.64	32.63
6200	0.25	20.40	22.59	22.59	25.63	26.92
6400	0.25	20.40	22.79	22.79	25.95	23.32
6600	0.26	20.39	23.49	23.49	26.49	20.92
6800	0.26	20.40	24.77	24.77	27.28	19.21
7000	0.26	20.43	26.52	26.52	28.41	17.97
7200	0.26	20.46	28.43	28.43	29.91	17.16
7400	0.27	20.48	28.58	28.58	32.05	16.86
7600	0.27	20.49	26.31	26.31	35.31	17.09
7800	0.27	20.48	23.42	23.42	39.26	17.80
8000	0.27	20.45	21.01	21.01	39.01	18.96
8200	0.28	20.40	19.10	19.10	34.80	20.73
8400	0.29	20.34	17.71	17.71	31.34	23.57
8600	0.29	20.28	16.99	16.99	28.92	27.06
8800	0.30	20.27	16.00	16.00	27.04	26.00
9000	0.31	20.29	15.25	15.25	25.59	22.39
9200	0.31	20.33	14.84	14.84	24.46	19.55
9400	0.32	20.40	14.67	14.67	23.66	17.59
9600	0.33	20.49	14.72	14.72	22.99	16.18
9800	0.34	20.58	14.97	14.97	22.34	15.19
10000	0.34	20.65	15.52	15.52	21.99	14.63
10200	0.35	20.66	16.41	16.41	21.88	14.55
10400	0.35	20.64	17.71	17.71	21.87	14.93
10600	0.35	20.60	19.53	19.53	22.03	15.73
10800	0.35	20.54	21.94	21.94	22.33	16.96
11000	0.35	20.49	25.44	25.44	22.78	18.73
11500	0.35	20.41	40.39	40.39	25.71	26.21
12000	0.35	20.45	25.19	25.19	32.62	24.70
12500	0.35	20.55	22.57	22.57	37.24	22.06
13000	0.37	20.42	24.05	24.05	29.01	22.56
13500	0.38	20.52	25.15	25.15	26.19	25.50
14000	0.39	20.56	30.69	30.69	26.48	34.65
14500	0.39	20.60	27.51	27.51	29.18	35.83
15000	0.39	20.62	22.78	22.78	37.07	33.22
15500	0.40	20.56	20.25	20.25	37.81	37.44
16000	0.41	20.55	18.17	18.17	33.38	34.09
16500	0.42	20.51	16.41	16.41	36.70	26.33
17000	0.43	20.48	15.34	15.34	41.06	20.46
17500	0.44	20.52	14.90	14.90	28.46	16.91
18000	0.46	20.59	15.83	15.83	23.62	15.69

⁽¹⁾Mainline loss includes coupling loss.



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IF/RF MICROWAVE COMPONENTS

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