

# Directional Coupler

# ZUDC10-06183-S+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS <sup>(1)</sup> (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
6000	0.68	9.43	19.23	19.23	37.23	23.28
6200	0.69	9.43	18.99	18.99	48.52	21.27
6400	0.68	9.44	19.22	19.22	45.13	20.17
6600	0.68	9.44	19.46	19.46	39.34	19.40
6800	0.68	9.47	20.50	20.50	36.82	19.05
7000	0.68	9.49	22.27	22.27	34.38	19.57
7200	0.68	9.50	25.23	25.23	31.54	20.92
7400	0.68	9.51	29.95	29.95	29.26	23.12
7600	0.68	9.51	32.00	32.00	27.23	26.61
7800	0.69	9.51	26.79	26.79	25.35	32.58
8000	0.69	9.49	22.57	22.57	23.82	31.91
8200	0.70	9.47	19.69	19.69	22.70	25.32
8400	0.71	9.46	17.70	17.70	21.78	21.46
8600	0.72	9.47	16.58	16.58	21.30	19.52
8800	0.70	9.54	16.09	16.09	21.15	18.33
9000	0.71	9.58	15.19	15.19	21.01	16.99
9200	0.71	9.63	14.82	14.82	20.97	16.25
9400	0.72	9.68	14.78	14.78	21.02	16.01
9600	0.72	9.72	15.11	15.11	20.88	16.29
9800	0.73	9.73	15.92	15.92	20.82	17.07
10000	0.73	9.73	17.30	17.30	20.75	18.38
10200	0.73	9.71	19.28	19.28	20.61	20.46
10400	0.74	9.67	22.20	22.20	20.32	24.04
10600	0.74	9.64	27.59	27.59	20.34	31.42
10800	0.73	9.62	38.92	38.92	20.49	37.28
11000	0.73	9.61	29.62	29.62	21.20	26.52
11500	0.71	9.62	19.37	19.37	25.28	18.91
12000	0.70	9.61	16.45	16.45	31.13	17.69
12500	0.73	9.62	16.27	16.27	23.25	19.86
13000	0.79	9.81	18.32	18.32	19.68	25.58
13500	0.81	9.90	26.05	26.05	17.59	29.51
14000	0.82	9.88	26.52	26.52	17.04	29.96
14500	0.81	9.85	20.65	20.65	18.06	35.01
15000	0.77	9.90	19.50	19.50	21.94	21.83
15500	0.73	10.01	22.08	22.08	30.67	17.23
16000	0.73	10.06	28.04	28.04	37.13	16.50
16500	0.75	10.01	20.68	20.68	35.24	19.16
17000	0.78	9.88	15.97	15.97	26.39	27.85
17500	0.84	9.81	13.91	13.91	21.17	30.79
18000	0.91	9.93	12.57	12.57	19.11	21.15

<sup>(1)</sup>Mainline loss includes coupling loss.



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IF/RF MICROWAVE COMPONENTS

REV. OR  
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