

Ultra-Wideband, DC Pass
Directional Coupler

ZUDC10-83+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
200	0.08	12.20	38.34	29.73	29.37	46.41
300	0.10	10.20	41.01	28.87	28.14	40.21
400	0.12	9.60	45.06	29.82	29.03	36.72
500	0.13	9.75	39.50	32.33	31.52	36.44
600	0.15	10.10	33.65	35.18	33.80	40.85
700	0.16	10.14	30.84	34.01	34.28	49.01
800	0.18	9.88	31.17	32.40	32.83	36.10
900	0.20	9.69	33.87	32.52	31.68	30.58
1000	0.21	9.81	35.48	32.77	32.63	28.53
1100	0.23	10.14	32.58	31.18	31.64	28.70
1200	0.24	10.32	30.07	30.26	29.43	30.54
1300	0.26	10.18	29.47	31.00	30.78	36.60
1400	0.27	9.91	30.84	33.18	34.07	36.19
1500	0.28	9.82	33.48	37.50	36.53	29.09
1600	0.29	10.03	30.42	34.20	35.72	26.10
1700	0.31	10.30	25.82	29.03	28.03	24.52
1800	0.33	10.31	23.84	26.94	25.95	24.76
1900	0.34	10.04	23.95	27.39	27.85	27.20
2000	0.35	9.72	25.70	30.99	32.14	30.23
2200	0.38	9.89	32.71	32.80	33.77	27.05
2400	0.41	10.13	24.25	26.15	25.50	25.92
2600	0.43	9.65	24.43	32.77	31.65	27.42
2800	0.45	9.98	27.42	28.45	27.68	24.10
3000	0.49	10.06	24.43	26.06	25.04	25.45
3200	0.50	9.59	24.20	42.92	37.99	26.39
3400	0.53	9.99	27.06	26.92	25.87	24.66
3600	0.56	9.99	23.68	25.99	25.99	24.69
3800	0.57	9.54	23.26	47.39	37.13	24.64
4000	0.60	9.98	30.32	27.78	26.75	29.66
4200	0.62	9.86	25.69	33.20	32.40	24.35
4400	0.65	9.53	22.81	30.76	32.79	25.69
4600	0.68	10.09	30.99	26.59	26.25	32.66
4800	0.69	9.96	26.58	39.13	46.43	23.24
5000	0.72	9.65	22.71	27.35	29.23	28.58
5200	0.75	10.15	30.83	28.35	27.86	28.39
5400	0.76	9.90	26.56	31.10	35.61	24.68
5600	0.79	9.67	23.92	28.03	31.60	48.37
5800	0.81	10.25	31.89	38.40	39.37	24.37
6000	0.84	10.06	27.04	28.70	30.69	25.16
6200	0.87	10.09	25.14	27.59	30.56	31.29
6400	0.89	10.73	31.36	29.18	30.71	25.91
6600	0.91	10.34	24.01	31.02	36.17	35.20
6800	0.93	10.35	26.29	35.98	37.45	26.62
7000	0.95	10.63	29.99	32.48	34.67	29.42
7200	0.98	9.97	25.75	36.23	34.52	27.14
7400	1.01	10.10	35.33	27.30	25.71	29.23
7600	1.03	10.61	26.06	28.67	28.91	36.96
7800	1.05	10.23	27.60	31.66	29.69	24.59
8000	1.08	10.46	36.10	27.81	26.52	46.14
8200	1.10	10.81	23.91	36.29	33.64	21.31
8400	1.14	10.25	28.73	23.09	22.53	27.50
8600	1.17	10.41	24.96	25.50	25.32	23.86
8800	1.19	10.64	24.11	24.18	24.38	19.47
9000	1.24	10.23	24.35	21.02	21.19	30.50



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



IF/RF MICROWAVE COMPONENTS

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