

Ultra-Wideband, DC Pass
Directional Coupler

ZUDC20-83-S+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
300	0.11	20.80	36.06	33.05	33.35	25.48
400	0.14	20.02	32.97	34.93	34.23	24.15
500	0.15	20.08	31.84	40.61	37.38	24.14
600	0.16	20.42	31.33	41.71	38.11	26.01
700	0.18	20.53	32.42	33.77	33.10	31.28
800	0.19	20.26	35.19	30.23	30.09	40.74
900	0.21	19.98	35.18	29.81	29.54	29.47
1000	0.21	19.98	32.41	32.60	31.75	25.44
1250	0.24	20.52	27.87	31.47	31.42	26.94
1500	0.28	19.92	32.51	25.37	25.22	34.11
1750	0.28	20.34	29.18	39.84	43.36	27.01
2000	0.33	20.02	29.45	25.32	24.87	42.14
2250	0.34	20.03	32.10	30.14	29.24	29.48
2500	0.36	20.39	24.71	28.39	28.08	29.19
2750	0.39	19.96	32.97	27.71	27.31	42.81
3000	0.41	20.50	25.74	32.61	31.60	24.21
3250	0.44	20.15	25.78	27.30	26.36	28.30
3500	0.45	20.50	29.67	47.08	43.97	23.85
3750	0.48	20.31	24.10	30.30	28.45	20.96
4000	0.50	20.06	31.43	55.82	45.44	25.96
4250	0.53	20.37	23.00	29.22	27.71	19.90
4500	0.55	19.76	27.84	31.29	29.83	24.12
4750	0.57	20.22	26.78	30.43	28.67	19.91
5000	0.60	19.69	29.34	27.23	26.16	25.76
5250	0.62	19.81	37.20	30.53	28.83	20.37
5500	0.65	20.00	38.42	24.99	23.95	23.67
5750	0.66	19.64	28.15	32.46	29.86	23.60
6000	0.69	20.14	28.68	24.17	23.02	25.51
6250	0.72	19.64	25.89	25.44	23.84	26.98
6500	0.76	20.05	25.69	21.66	20.65	23.61
6750	0.77	19.86	24.50	23.60	21.98	33.00
7000	0.81	19.74	23.93	21.39	20.19	21.13
7250	0.82	20.14	23.87	22.23	20.86	29.80
7500	0.86	19.67	24.68	21.72	20.34	19.14
7750	0.87	20.02	22.31	22.17	20.46	23.32
8000	0.93	19.52	25.49	19.35	18.50	19.50

