

# Directional Coupler

# ZUDC20-5R23-S+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS <sup>(1)</sup> (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
500	0.12	20.07	38.58	50.45	58.88	37.59
550	0.13	19.74	38.94	48.47	51.45	38.34
600	0.14	19.51	40.22	46.77	47.54	39.76
650	0.15	19.39	41.68	44.47	44.77	42.08
700	0.16	19.36	43.17	42.36	41.64	45.49
750	0.16	19.40	46.23	40.30	40.26	53.16
800	0.16	19.50	49.31	39.62	39.14	60.72
850	0.17	19.65	49.37	38.37	38.20	48.36
900	0.17	19.82	44.10	37.51	37.17	43.55
950	0.17	20.01	40.38	36.73	36.74	40.37
1000	0.18	20.18	38.10	36.34	36.81	38.23
1050	0.18	20.31	35.28	36.84	37.32	36.84
1100	0.18	20.40	33.70	37.09	37.93	35.86
1150	0.18	20.41	32.33	37.40	38.80	35.06
1200	0.19	20.37	31.27	38.58	40.70	34.48
1250	0.19	20.27	30.78	41.09	43.55	34.07
1300	0.20	20.13	30.63	43.90	49.43	34.02
1350	0.20	19.97	30.48	48.63	49.07	34.19
1400	0.21	19.80	30.67	47.66	43.42	34.44
1450	0.21	19.64	31.22	42.90	39.98	34.71
1500	0.22	19.51	31.86	39.07	36.73	34.98
1550	0.22	19.42	33.05	36.27	34.62	35.08
1600	0.23	19.37	34.25	34.31	32.83	34.84
1650	0.23	19.37	35.71	32.73	31.59	34.39
1700	0.23	19.41	37.22	31.58	30.65	33.44
1750	0.24	19.50	38.35	31.01	30.03	32.43
1800	0.24	19.62	37.74	30.41	29.60	31.59
1850	0.24	19.77	35.86	30.11	29.40	30.73
1900	0.24	19.95	33.44	29.91	29.47	29.92
1950	0.24	20.13	31.68	30.15	29.78	29.22
2000	0.25	20.29	29.96	30.59	30.14	28.75

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

