

# Directional Coupler

# ZUDC30-5R23-S+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS <sup>(1)</sup> (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT (dB)	CPL
500	0.09	30.27	34.57	33.00	32.43	29.51
550	0.10	29.92	35.34	32.71	32.32	29.66
600	0.10	29.69	36.07	32.72	32.79	30.11
650	0.10	29.57	36.68	33.05	33.35	30.72
700	0.11	29.53	37.45	32.94	33.81	31.71
750	0.11	29.57	37.95	33.56	35.41	32.88
800	0.12	29.66	38.42	33.07	35.72	34.30
850	0.12	29.81	37.91	33.64	37.62	35.85
900	0.12	29.97	37.00	33.72	37.90	37.73
950	0.13	30.15	36.26	33.93	39.32	39.78
1000	0.13	30.30	35.56	34.37	38.09	41.18
1050	0.13	30.43	35.31	34.66	38.02	41.74
1100	0.14	30.50	35.33	35.53	37.77	41.08
1150	0.14	30.52	35.70	35.72	37.31	40.75
1200	0.14	30.48	37.06	36.89	37.76	40.10
1250	0.15	30.39	39.07	37.92	37.27	39.77
1300	0.15	30.26	41.32	39.18	38.71	39.20
1350	0.15	30.10	44.18	41.17	41.02	39.14
1400	0.15	29.94	42.47	41.77	41.19	38.27
1450	0.16	29.80	38.63	42.01	44.64	37.19
1500	0.16	29.69	36.64	37.65	40.42	35.73
1550	0.16	29.61	34.36	35.56	38.39	34.41
1600	0.17	29.58	32.88	33.42	35.59	33.01
1650	0.17	29.59	31.89	31.37	33.23	31.76
1700	0.17	29.64	30.65	30.07	31.52	30.77
1750	0.18	29.73	30.03	28.49	29.81	30.02
1800	0.18	29.85	29.33	27.95	28.97	29.55
1850	0.19	30.01	28.92	26.98	27.65	29.19
1900	0.19	30.16	28.82	26.49	27.03	29.10
1950	0.19	30.32	28.77	26.13	26.45	29.24
2000	0.20	30.46	29.13	25.88	26.22	29.64

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



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IF/RF MICROWAVE COMPONENTS

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