

# Directional Coupler

# ZUDC6-5R23-S+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS <sup>(1)</sup> (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
500	1.23	6.48	30.77	27.37	26.20	26.69
550	1.33	6.20	30.84	27.58	25.72	27.04
600	1.40	6.01	30.72	27.81	25.44	27.42
650	1.44	5.90	30.45	28.23	25.30	28.04
700	1.46	5.86	30.11	28.77	25.42	28.73
750	1.46	5.88	29.57	29.51	25.77	29.47
800	1.44	5.96	28.89	30.31	26.58	30.26
850	1.40	6.08	28.17	31.10	27.76	30.73
900	1.36	6.25	27.34	31.99	29.48	30.80
950	1.31	6.43	26.49	32.57	31.32	30.28
1000	1.26	6.62	25.75	32.94	32.07	29.28
1050	1.21	6.79	25.02	32.80	30.56	28.16
1100	1.18	6.93	24.38	32.08	28.41	27.06
1150	1.16	7.03	24.01	31.16	26.44	26.08
1200	1.16	7.06	23.74	30.28	25.03	25.31
1250	1.17	7.04	23.67	29.65	24.20	24.78
1300	1.20	6.96	23.86	29.22	23.76	24.46
1350	1.23	6.85	24.22	28.89	23.84	24.38
1400	1.27	6.72	24.79	28.78	24.27	24.52
1450	1.31	6.58	25.57	28.84	25.11	24.93
1500	1.36	6.45	26.59	29.10	26.26	25.65
1550	1.40	6.34	27.97	29.58	27.70	26.65
1600	1.42	6.24	29.82	30.42	29.34	28.07
1650	1.44	6.18	32.34	31.39	30.97	30.12
1700	1.45	6.16	36.43	32.86	32.57	33.11
1750	1.45	6.19	43.18	34.91	34.02	38.22
1800	1.43	6.25	42.17	37.63	36.19	44.46
1850	1.40	6.36	35.17	42.37	40.39	37.60
1900	1.36	6.50	30.98	45.16	55.45	32.17
1950	1.32	6.68	28.00	40.47	41.32	28.73
2000	1.27	6.88	25.73	36.21	33.72	26.33

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



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: [www.minicircuits.com](http://www.minicircuits.com)



IF/RF MICROWAVE COMPONENTS

REV. OR  
 ZUDC6-5R23-S+  
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