

Ultra-Wideband, DC Pass Directional Coupler

ZUDC20-183+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
100.0	0.06	32.02	50.75	46.19	43.87	43.94
500.0	0.15	21.67	40.56	39.68	42.41	36.54
1000.0	0.20	21.59	50.63	42.74	43.35	37.40
1500.0	0.24	21.71	34.13	46.49	42.32	45.45
2000.0	0.27	21.79	32.91	44.34	42.57	33.26
2500.0	0.32	21.60	30.33	29.49	29.19	27.72
3000.0	0.35	21.78	38.34	28.50	28.04	30.58
3500.0	0.40	21.90	39.74	23.10	22.86	27.31
4000.0	0.41	21.69	21.52	36.63	35.77	30.42
4500.0	0.45	21.52	22.94	29.22	28.01	23.46
5000.0	0.52	21.58	38.42	20.58	20.29	19.99
5500.0	0.57	21.83	20.37	18.45	18.25	20.42
6000.0	0.58	21.66	17.70	19.69	19.48	25.13
6500.0	0.58	21.48	23.77	23.05	22.43	35.22
7000.0	0.59	21.49	28.18	33.65	30.00	23.23
7500.0	0.62	21.82	20.39	26.06	25.05	19.51
8000.0	0.67	21.75	23.29	21.72	21.46	19.29
8500.0	0.71	21.42	29.67	20.14	19.84	19.40
9000.0	0.72	21.47	29.63	21.42	21.17	20.55
9500.0	0.73	21.62	26.79	23.70	23.35	21.75
10000.0	0.75	21.56	32.03	26.72	25.49	26.07
10500.0	0.77	21.26	23.73	28.56	28.25	31.58
11000.0	0.80	21.28	17.17	28.64	29.26	24.95
11500.0	0.83	21.39	17.49	29.19	33.80	18.83
12000.0	0.87	21.30	29.80	24.10	26.90	19.43
12400.0	0.91	21.63	17.28	20.44	21.41	23.20
13000.0	0.95	21.67	16.96	20.03	20.60	23.84
13500.0	1.00	21.36	22.78	18.60	18.96	25.64
14000.0	1.01	21.21	32.37	20.04	20.82	28.72
14500.0	1.02	20.98	26.99	22.68	25.26	26.09
15000.0	1.03	21.03	34.75	24.91	27.40	25.47
15500.0	1.06	21.15	23.84	23.54	23.76	31.49
16000.0	1.10	21.08	27.96	22.26	22.63	34.91
16500.0	1.12	21.05	26.65	27.52	29.49	23.56
17000.0	1.14	21.16	20.44	30.74	30.00	23.66
17500.0	1.20	21.06	19.31	21.60	20.80	24.45
18000.0	1.24	21.12	24.26	19.73	19.19	36.12
18500.0	1.22	21.05	27.87	25.96	25.20	19.19
19000.0	1.24	21.10	16.00	44.90	35.39	14.84
19500.0	1.31	20.76	14.56	22.95	21.70	15.31
20000.0	1.35	20.83	16.58	20.26	18.89	19.56



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

IF/RF MICROWAVE COMPONENTS

REV. OR
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