

Directional Coupler

DBTC-18-4-75+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
5.0	0.99	18.18	30.09	18.23	19.32	18.37
6.0	0.94	18.14	30.03	18.88	20.13	19.04
7.0	0.91	18.11	29.99	19.39	20.76	19.55
8.0	0.89	18.09	29.98	19.77	21.26	19.95
9.0	0.88	18.08	29.93	20.09	21.68	20.26
10.0	0.87	18.07	30.00	20.34	22.03	20.52
20.0	0.83	18.04	29.76	21.46	23.62	21.57
30.0	0.82	18.04	29.52	21.83	24.21	21.83
40.0	0.82	18.04	29.26	22.04	24.59	21.88
50.0	0.82	18.05	29.01	22.19	24.91	21.84
60.0	0.82	18.05	28.68	22.30	25.14	21.74
70.0	0.82	18.05	28.37	22.37	25.31	21.58
80.0	0.83	18.06	28.06	22.40	25.42	21.35
90.0	0.83	18.06	27.72	22.38	25.43	21.09
100.0	0.83	18.07	27.40	22.33	25.30	20.78
150.0	0.84	18.09	25.88	21.96	24.37	19.04
200.0	0.86	18.10	24.47	21.91	24.17	17.71
250.0	0.88	18.07	22.79	21.53	23.92	16.34
300.0	0.89	18.06	23.21	20.86	22.79	14.92
350.0	0.89	18.07	21.96	20.58	21.57	13.84
400.0	0.90	18.06	20.59	20.30	20.80	12.87
425.0	0.92	18.03	20.03	20.03	20.70	12.39
450.0	0.92	18.02	19.78	19.84	20.84	11.98
475.0	0.93	18.01	19.21	19.75	21.08	11.64
500.0	0.94	17.97	18.62	19.78	21.21	11.37
525.0	0.95	17.94	18.30	19.86	21.13	11.12
550.0	0.95	17.92	18.35	19.96	20.95	10.85
575.0	0.94	17.99	18.62	20.03	20.94	10.56
600.0	0.93	18.03	18.39	20.03	21.14	10.28
650.0	0.94	18.10	17.90	20.08	22.15	9.84
700.0	0.96	18.14	17.10	20.12	21.46	9.39
750.0	0.96	18.16	16.20	20.43	20.06	8.99
800.0	0.97	18.15	15.75	20.96	20.20	8.73
850.0	0.98	18.21	15.62	21.34	21.53	8.46
900.0	0.99	18.26	15.18	21.97	21.95	8.21
925.0	0.99	18.29	14.79	22.39	21.62	8.08
950.0	0.99	18.32	14.38	22.84	21.41	7.95
975.0	1.00	18.36	13.92	23.35	21.69	7.81
990.0	1.00	18.38	13.64	23.77	22.22	7.74
1000.0	1.00	18.39	13.49	24.07	22.73	7.69



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

IF/RF MICROWAVE COMPONENTS

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DBTC-18-4-75+
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