

# Directional Coupler

# TCD-20-4-75+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
40.0	0.58	21.64	17.52	23.40	24.77	23.38
50.0	0.56	21.59	18.38	24.17	25.76	24.05
60.0	0.54	21.54	18.79	24.77	26.63	24.58
70.0	0.53	21.48	19.52	25.24	27.40	25.01
80.0	0.53	21.46	19.93	25.64	28.07	25.34
90.0	0.52	21.43	20.42	25.97	28.65	25.65
100.0	0.52	21.40	20.79	26.18	29.06	25.90
150.0	0.51	21.32	22.55	26.56	29.03	26.72
200.0	0.51	21.26	23.71	26.81	28.91	27.00
250.0	0.52	21.12	25.82	26.55	28.00	27.29
300.0	0.52	21.04	27.40	25.81	26.94	27.36
350.0	0.52	20.97	26.66	25.32	25.96	27.34
400.0	0.52	20.86	27.87	24.72	24.81	26.78
450.0	0.53	20.75	28.12	24.48	23.76	26.35
500.0	0.55	20.52	34.93	23.79	23.55	25.86
550.0	0.56	20.28	30.53	24.26	22.98	25.86
600.0	0.55	20.16	25.62	24.21	23.10	25.83
650.0	0.55	20.11	25.14	24.15	23.07	25.34
700.0	0.55	20.07	24.89	24.78	23.12	25.06
750.0	0.56	19.92	25.50	24.45	23.35	24.52
800.0	0.58	19.72	27.27	25.41	23.80	24.41
850.0	0.59	19.53	23.06	26.52	24.05	24.00
900.0	0.62	19.38	24.56	27.11	24.33	24.10
950.0	0.62	19.26	22.23	28.45	25.42	23.44
1000.0	0.65	19.12	23.38	29.12	26.11	23.57
1050.0	0.68	18.96	21.95	30.51	26.75	22.99
1100.0	0.69	18.81	21.82	31.20	26.49	23.19
1200.0	0.73	18.51	20.42	32.12	27.62	23.06