Bi-Directional Coupler BDCN-20-13+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)		COUPLING (dB)		DIRECTIVITY (dB)		RETURN LOSS (dB)			
	IN-OUT	FWD-REV	IN-FWD	OUT-REV	IN-REV	OUT-FWD	IN	OUT	FWD	REV
360.0	0.15	0.16	25.16	25.16	13.02	12.97	36.80	35.49	36.46	39.64
370.0	0.15	0.16	24.93	24.93	12.99	12.95	36.79	35.13	36.32	39.42
380.0	0.15	0.16	24.70	24.71	13.00	12.96	36.65	35.06	36.26	39.38
390.0	0.16	0.16	24.49	24.48	13.00	12.91	36.37	34.79	36.24	39.17
400.0	0.16	0.17	24.27	24.27	12.98	12.92	36.14	34.67	36.31	39.19
410.0	0.16	0.17	24.07	24.07	13.00	12.90	36.03	34.31	36.32	39.37
420.0	0.16	0.17	23.87	23.86	13.03	12.91	35.79	34.05	36.42	39.50
430.0	0.16	0.17	23.67	23.68	13.02	12.95	35.66	34.08	36.30	39.54
440.0	0.16	0.17	23.48	23.48	13.04	12.93	35.56	33.71	36.23	39.48
450.0	0.17	0.17	23.29	23.29	13.03	12.93	35.46	33.83	36.18	39.43
460.0	0.16	0.17	23.12	23.12	13.05	12.94	35.38	33.58	36.19	39.29
470.0	0.17	0.17	22.94	22.94	13.03	12.95	35.29	33.43	36.28	39.41
480.0	0.17	0.18	22.77	22.76	13.03	12.92	35.07	33.13	36.30	39.25
500.0	0.17	0.18	22.43	22.43	13.05	12.98	34.72	32.99	36.24	39.35
510.0	0.17	0.18	22.27	22.27	13.03	12.93	34.55	32.75	35.95	38.97
530.0	0.18	0.19	21.95	21.96	13.06	12.93	34.20	32.52	35.89	38.91
540.0	0.18	0.19	21.79	21.79	13.08	12.96	34.01	32.46	35.95	38.86
550.0	0.18	0.19	21.64	21.66	13.07	12.98	33.96	32.28	36.14	38.97
560.0	0.18	0.19	21.50	21.50	13.09	12.96	33.73	32.05	36.16	38.89
570.0	0.18	0.19	21.36	21.36	13.09	12.97	33.70	32.01	36.01	38.71
580.0	0.19	0.19	21.22	21.22	13.08	12.99	33.61	31.82	36.08	38.55
590.0	0.19	0.20	21.08	21.08	13.12	12.99	33.46	31.77	36.02	38.58
600.0	0.19	0.20	20.95	20.94	13.10	13.02	33.41	31.67	36.17	38.45
610.0	0.19	0.20	20.82	20.81	13.12	13.02	33.20	31.42	36.22	38.44
620.0	0.19	0.20	20.69	20.69	13.11	13.03	33.06	31.31	36.14	38.39
630.0	0.19	0.20	20.56	20.56	13.14	13.02	32.90	31.03	36.07	38.43
640.0	0.20	0.20	20.43	20.43	13.15	13.03	32.73	31.03	35.95	38.28
650.0	0.20	0.20	20.31	20.31	13.16	13.05	32.65	30.88	35.93	38.12
660.0	0.20	0.21	20.19	20.18	13.19	13.06	32.47	30.70	35.85	37.98
670.0	0.20	0.21	20.07	20.07	13.20	13.10	32.34	30.65	35.89	37.87
680.0	0.20	0.21	19.96	19.95	13.21	13.09	32.20	30.54	36.09	37.84
690.0	0.21	0.21	19.84	19.84	13.22	13.10	32.13	30.46	36.08	37.67
700.0	0.21	0.22	19.73	19.72	13.25	13.11	32.04	30.33	36.01	37.58
710.0	0.21	0.22	19.62	19.62	13.26	13.10	31.87	30.21	35.99	37.52
720.0	0.21	0.22	19.51	19.51	13.26	13.13	31.70	30.09	35.95	37.46
730.0	0.21	0.22	19.40	19.40	13.28	13.14	31.55	30.03	35.84	37.41
740.0	0.21	0.22	19.30	19.30	13.31	13.15	31.40	29.84	35.95	37.33
750.0	0.22	0.22	19.20	19.19	13.30	13.18	31.20	29.65	35.79	37.13
760.0	0.22	0.22	19.10	19.09	13.32	13.19	31.10	29.53	35.71	36.99
770.0	0.22	0.23	18.99	18.99	13.37	13.24	30.93	29.44	35.63	36.87
780.0	0.22	0.23	18.90	18.89	13.38	13.25	30.91	29.47	35.56	36.76
790.0	0.23	0.23	18.80	18.79	13.43	13.26	30.92	29.37	35.42	36.72
800.0	0.23	0.23	18.70	18.70	13.45	13.29	30.81	29.31	35.36	36.60
810.0	0.23	0.23	18.61	18.60	13.46	13.30	30.73	29.31	35.32	36.48
820.0	0.23	0.23	18.52	18.51	13.49	13.33	30.70	29.25	35.41	36.36
830.0	0.23	0.24	18.43	18.42	13.50	13.35	30.58	29.04	35.51	36.24
840.0	0.23	0.24	18.33	18.33	13.52	13.36	30.43	29.00	35.41	36.10
850.0	0.24	0.24	18.25	18.24	13.56	13.37	30.27	28.84	35.25	36.00
860.0	0.24	0.24	18.16	18.16	13.56	13.39	30.10	28.76	35.05	35.94
870.0	0.24	0.24	18.07	18.07	13.59	13.41	29.96	28.61	34.89	35.66
880.0	0.24	0.25	17.99	17.99	13.64	13.43	29.80	28.51	34.96	35.53
890.0	0.24	0.25	17.91	17.90	13.65	13.46	29.71	28.43	34.94	35.52
900.0	0.25	0.25	17.83	17.83	13.69	13.49	29.64	28.40	34.78	35.40
920.0	0.25	0.25	17.67	17.66	13.74	13.53	29.49	28.25	34.81	35.17
940.0	0.25	0.26	17.51	17.51	13.81	13.58	29.52	28.17	34.74	35.03
950.0	0.25	0.26	17.44	17.43	13.84	13.60	29.40	28.17	34.82	34.90
960.0	0.26	0.26	17.36	17.35	13.85	13.64	29.36	28.10	34.72	34.65
970.0	0.26	0.26	17.29	17.28	13.90	13.65	29.17	28.00	34.60	34.63
980.0	0.26	0.26	17.22	17.21	13.92	13.66	29.10	27.86	34.50	34.54
990.0	0.26	0.26	17.15	17.14	13.93	13.70	28.97	27.84	34.36	34.31
1000.0	0.26	0.27	17.07	17.07	13.96	13.73	28.93	27.80	34.26	34.20