

BDC 9 kHz ... 1000 MHz Dual Directional Coupler

STANDARD MODELS

Model	Frequency Range	Power P _{min} W	Coupling X) dB	Insertion Loss max dB	Ripple max dB	Directivity min dB	VSWR max Main Line	Main Line Connector 1), 2)	Coupling Line Connector 3)
BDC 0110-60/10000	9 kHz ... 100 MHz	10000	60 ±1	0.1	±1	20	1.3:1	1 5/8" EIA	SMA-f
BDC 0110-70/10000	9 kHz ... 100 MHz	10000	70 ±1	0.1	±1	15	1.3:1	1 5/8" EIA	SMA-f
BDC 0125-30/100	9 kHz ... 250 MHz	100	30 ±1	0.8	±0.5	20	1.25:1	N-f	SMA-f
BDC 0125-30/250	9 kHz ... 250 MHz	250	30 ±1	0.8	±0.5	20	1.25:1	N-f	SMA-f
BDC 0125-40/100	9 kHz ... 250 MHz	100	40 ±1	0.5	±0.5	20	1.1:1	N-f	SMA-f
BDC 0125-40/250	9 kHz ... 250 MHz	250	40 ±1	0.5	±0.5	20	1.1:1	N-f	SMA-f
BDC 0125-40/500	9 kHz ... 250 MHz	500	40 ±1	0.4	±0.5	20	1.25:1	N-f	SMA-f
BDC 0125-50/1000	9 kHz ... 250 MHz	1000	50 ±1	0.4	±0.75	20	1.25:1	N-f	SMA-f
BDC 0125-50/2000	9 kHz ... 250 MHz	2000	50 ±1	0.15	±1	20	1.15:1	N-f	SMA-f
BDC 0125-50/3000	9 kHz ... 250 MHz	3000	50 ±1	0.15	±0.5	20	1.2:1	7-16-f	SMA-f
BDC 0125-60/5000	9 kHz ... 250 MHz	5000	60 ±1	0.1	±1	20	1.3:1	1 5/8" EIA	SMA-f
BDC 0125-70/10000	9 kHz ... 250 MHz	10000	70 ±1	0.1	±1	20	1.2:1	1 5/8" EIA	SMA-f
BDC 0140-30/250	9 kHz ... 400 MHz	250	30 ±1	0.75	±0.5	20	1.2:1	N-f	SMA-f
BDC 0140-40/200	9 kHz ... 400 MHz	200	40 ±1	0.5	±0.5	20	1.25:1	N-f	SMA-f
BDC 0140-40/500	9 kHz ... 400 MHz	500	40 ±1	0.5	±0.5	20	1.3:1	N-f	SMA-f
BDC 0140-50/500	9 kHz ... 400 MHz	500	50 ±1	0.5	±0.5	20	1.3:1	N-f	SMA-f
BDC 0150-30/100	9 kHz ... 500 MHz	100	30 ±1	0.8	±0.5	20	1.25:1	N-f	SMA-f
BDC 0100-30/50	9 kHz ... 1000 MHz	50	30 ±1	1.2	±0.5	20	1.3:1	N-f	SMA-f
BDC 0100-40/100	9 kHz ... 1000 MHz	100	40 ±1	0.6	±0.5	20	1.3:1	N-f	SMA-f
BDC 0100-40/200	9 kHz ... 1000 MHz	200	40 ±1	0.6	±0.5	20	1.3:1	N-f	SMA-f
BDC 0100-40/500	9 kHz ... 1000 MHz	500	40 ±1	0.45	±0.5	20	1.3:1	N-f	SMA-f
BDC 0100-43/700	9 kHz ... 1000 MHz	700	43 ±1	0.45	±0.5	20	1.3:1	7-16-f	SMA-f
BDC 0100-43/1000	9 kHz ... 1000 MHz	1000	43 ±1	0.45	±0.5	20	1.3:1	7-16-f	SMA-f
BDC 0100-50/500	9 kHz ... 1000 MHz	500	50 ±1	0.45	±0.5	20	1.3:1	N-f	SMA-f
BDC 0100-50/1000	9 kHz ... 1000 MHz	1000	50 ±1	0.45	±0.5	20	1.3:1	SC-f	SMA-f
BDC 0125-50/1000	0.1 ... 250 MHz	1000	50 ±1	0.15	±0.5	20	1.15:1	N-f	SMA-f

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BDC 0110-40/100	0.1 ... 1000 MHz	100	40 ±1	0.5	±0.5	20	1.3:1	N-f	SMA-f
BDC 0110-40/200	0.1 ... 1000 MHz	100	40 ±1	0.6	±0.5	20	1.3:1	N-f	SMA-f
BDC 0110-40/500	0.1 ... 1000 MHz	500	40 ±1	0.5	±0.5	20	1.25:1	N-f	SMA-f
BDC 0101-30/100	1 ... 10 MHz	100	30 ±1	0.6	±0.5	20	1.25:1	N-f	SMA-f
BDC 0101-40/100	1 ... 10 MHz	100	40 ±1	0.35	±0.5	20	1.15:1	N-f	SMA-f
BDC 0101-50/1500	1 ... 10 MHz	1500	50 ±1	0.15	±1	20	1.2:1	N-f	SMA-f
BDC 0101-70/10000	1 ... 10 MHz	1500	70 ±1	0.05	±1	20	1.2:1	1 5/8" EIA	SMA-f
BDC 0103-40/1000	1 ... 30 MHz	1000	40 ±1	0.1	±0.25	25	1.05:1	N-f	SMA-f
BDC 0103-50/1500	1 ... 30 MHz	1500	50 ±1	0.2	±0.5	20	1.15:1	N-f	SMA-f
BDC 0103-60/15000	1 ... 30 MHz	15000	60 ±1	0.05	±0.5	25	1.1:1	1 5/8" EIA	SMA-f
BDC 0110-20/50S	1 ... 1000 MHz	50	20 ±1	1.4	±1	20	1.2:1	N-f	SMA-f
BDC 0120-30/50	1 ... 2000 MHz	50	30 ±1	1.25	±1	18	1.35:1	SMA-f	SMA-f
BDC 0125-20/200	1 ... 2500 MHz	200	20 ±1	0.8	±1.75	15	1.25:1	N-f	SMA-f
BDC 0103-40/500	1.5 ... 30 MHz	500	40 ±1	0.1	±0.25	25	1.3:1	N-f	SMA-f
BDC 0103-40/2500	1.5 ... 30 MHz	2500	40 ±1	0.1	±0.25	25	1.05:1	7-16-f	SMA-f
BDC 0103-50/5000	1.5 ... 30 MHz	5000	50 ±1	0.05	±0.3	25	1.10:1	N-f	SMA-f
BDC 1001-50/1000	10 ... 100 MHz	1000	50 ±1	0.1	±0.25	20	1.1:1	N-f	SMA-f
BDC 1001-50/1200	10 ... 175 MHz	1200	50 ±1	0.1	±0.25	20	1.1:1	N-f	SMA-f
BDC 1002-60/10000	10 ... 200 MHz	10000	60 ±1	0.1	±0.5	25	1.1:1	1 5/8" EIA	SMA-f
BDC 1005-70/10000	10 ... 500 MHz	10000	70 ±0.1	0.2	±0.1	20	1.3:1	1 5/8" EIA	SMA-f
BDC 1010-30/50	10 ... 1000 MHz	50	30 ±1	1	±0.5	20	1.3:1	N-f	SMA-f
BDC 1020-30/75	10 ... 2000 MHz	75	30 ±1	1.25	±1	18	1.35:1	N-f	SMA-f
BDC 0210-40/1500	20 ... 100 MHz	1500	40 ±1	0.1	±0.5	20	1.15:1	N-f	SMA-f
BDC 0210-63/25	20 ... 100 MHz	25	63 ±1.5	0.2	±1.5	20	1.3:1	N-f	SMA-f
BDC 0211-50/2000	20 ... 110 MHz	2000	50 ±0.5	0.1	±0.5	20	1.1:1	N-f	SMA-f
BDC 0213-50/2000	20 ... 130 MHz	2000	50 ±1	0.1	±0.5	20	1.05:1	N-f	SMA-f
BDC 0213-60/3000	20 ... 130 MHz	3000	60 ±0.5	0.15	±0.5	20	1.2:1	7-16-f	SMA-f
BDC 0213-60/7000	20 ... 130 MHz	7000	60 ±1	0.1	±0.5	25	1.15:1	1 5/8" EIA	SMA-f

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BDC 0213-60/10000	20 ... 130 MHz	10000	60 ±1	0.1	±0.5	25	1.15:1	1 5/8" EIA	SMA-f
BDC 0250-20/100	20 ... 500 MHz	100	20 ±1	0.7	±1	20	1.3:1	N-f	SMA-f
BDC 0250-40/100	20 ... 500 MHz	100	40 ±1	0.4	±0.25	20	1.3:1	N-f	SMA-f
BDC 0250-40/200	20 ... 500 MHz	100	40 ±1	0.4	±0.5	20	1.25:1	N-f	SMA-f
BDC 0250-50/1500	20 ... 500 MHz	1500	50 ±1	0.3	±0.5	20	1.2:1	N-f	SMA-f
BDC 0250-60/1500	20 ... 500 MHz	1500	60 ±1	0.15	±0.5	20	1.2:1	7-16-f	SMA-f
BDC 0210-30/100	20 ... 1000 MHz	100	30 ±1	0.7	±0.5	20	1.25:1	SMA-f	SMA-f
BDC 0210-30/150	20 ... 1000 MHz	150	30 ±1	0.8	±0.5	20	1.3:1	N-f	SMA-f
BDC 0210-40/150	20 ... 1000 MHz	150	40 ±1	0.35	±0.5	20	1.25:1	SMA-f	SMA-f
BDC 0210-40/500	20 ... 1000 MHz	500	40 ±1	0.35	±0.5	20	1.25:1	N-f	SMA-f
BDC 0210-53/1200	20 ... 1000 MHz	1200	53 ±1	0.4	±1	20	1.3:1	7-16-f	SMA-f
BDC 0325-43/100	30 ... 2500 MHz	100	43 ±1	0.35	±1.5	18	1.25:1	N-f	SMA-f
BDC 0325-50/200	30 ... 2500 MHz	200	50 ±1	0.25	±1	20	1.2:1	N-f	SMA-f
BDC 0330-20/250	30 ... 3000 MHz	250	20 ±3	0.35	±3	14	1.2:1	N-f	SMA-f
BDC 0850-60/5000	80 ... 500 MHz	5000	60 ±1	0.15	±0.5	20	1.2:1	1 5/8" EIA	SMA-f
BDC 0810-40/200	80 ... 1000 MHz	200	40 ±1	0.2	±0.3	20	1.2:1	N-f	SMA-f
BDC 0810-40/500	80 ... 1000 MHz	500	40 ±1	0.2	±0.3	20	1.1:1	N-f	SMA-f
BDC 0810-50/1500	80 ... 1000 MHz	1500	50 ±1	0.1	±0.5	20	1.1:1	N-f	SMA-f
BDC 0810-50/2500	80 ... 1000 MHz	2500	50 ±1	0.1	±0.5	20	1.2:1	7-16-f	SMA-f
BDC 0810-60/2500	80 ... 1000 MHz	2500	60 ±0.5	0.1	±0.6	12	1.2:1	7-16-f	SMA-f
BDC 0810-60/5000	80 ... 1000 MHz	5000	60 ±1	0.2	±0.5	20	1.25:1	1 5/8" EIA	SMA-f
BDC 0810-60/10000	80 ... 1000 MHz	10000	60 ±1	0.2	±0.5	20	1.25:1	1 5/8" EIA	SMA-f
BDC 0830-60/200	80 ... 3000 MHz	200	60 ±1	0.25	±1	20	1.25:1	N-f	SMA-f
BDC 2010-20/200	200 ... 1000 MHz	200	20 ±1	0.2	±0.8	15	1.25:1	SMA-f	SMA-f
BDC 4010-60/5000	400 ... 1000 MHz	5000	60 ±1	0.1	±0.5	20	1.15:1	1 5/8" EIA	SMA-f

OPTIONS

- 1) male RF input connector
- 2) alternative main line connectors
- 3) N-f coupling connectors
- X) custom frequency range and custom coupling attenuation upon request