

STANDARD MODELS

Model	Frequency Range X)	Coupling X) dB	Power P _{min} W	Insertion Loss max dB	Directivity min dB	VSWR max Main Line	Main Line Connector 1), 2)	Coupling Line Connector 3)
BDC 0125-30/100	9 kHz ... 250 MHz	30 ±1.8	100	0.8	20	1.25:1	N-f	SMA-f
BDC 0125-30/250	9 kHz ... 250 MHz	30 ±1.5	250	0.8	20	1.25:1	N-f	SMA-f
BDC 0125-40/100	9 kHz ... 250 MHz	40 ±1.5	100	0.5	20	1.1:1	N-f	SMA-f
BDC 0125-40/250	9 kHz ... 250 MHz	40 ±1.5	250	0.5	20	1.1:1	N-f	SMA-f
BDC 0125-40/500	9 kHz ... 250 MHz	40 ±1.75	500	0.4	20	1.25:1	N-f	SMA-f
BDC 0125-50/1000	9 kHz ... 250 MHz	50 ±1.75	1000	0.4	20	1.25:1	N-f	SMA-f
BDC 0125-50/2000	9 kHz ... 250 MHz	50 ±2	2000	0.15	20	1.15:1	N-f	SMA-f
BDC 0125-50/3000	9 kHz ... 250 MHz	50 ±1.5	3000	0.15	20	1.2:1	7-16-f	SMA-f
BDC 0125-60/5000	9 kHz ... 250 MHz	60 ±2	5000	0.1	20	1.3:1	1 5/8" EIA	SMA-f
BDC 0125-70/10000	9 kHz ... 250 MHz	70 ±2	10000	0.1	20	1.2:1	1 5/8" EIA	SMA-f

For individual data sheets, please click on the above model name

S: Single directional coupler

Notice:

Under normal operating conditions all Directional Couplers do not need to be mounted to a heatsink. However, if the units permanently run into high mismatch conditions at full rated power, the circuits will heat up significantly. In this case, we would recommend the units be mounted to a suitable heatsink or metal surface, capable to maintain a baseplate temperature of +60°C max.