

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 0810-40/500	80 ... 1000 MHz	40 ±1.3	500	0.2	20	1.1:1	N-f	SMA-f
BDC 0810-50/1500	80 ... 1000 MHz	50 ±1.3	1500	0.1	20	1.2:1	N-f	SMA-f
BDC 0810-50/2500	80 ... 1000 MHz	50 ±1.3	2500	0.1	20	1.2:1	7-16-f	SMA-f
BDC 0810-60/2500	80 ... 1000 MHz	60 ±1.5	2500	0.1	20	1.3:1	7-16-f	SMA-f
BDC 0810-60/5000	80 ... 1000 MHz	60 ±1.5	5000	0.2	20	1.25:1	1 5/8" EIA	SMA-f
BDC 0810-60/10000	80 ... 1000 MHz	60 ±1.5	10000	0.2	20	1.25:1	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.