

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 0810-40/200 | 80 ... 1000 MHz | 40 ±1.3 | 200 | 0.2 | 20 | 1.2:1 | N-f | SMA-f |
| 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.