

BDC 9 kHz ... 250 MHz

Directional Coupler

STANDARD MODELS

| Model | Frequency Range X) | Coupling X) dB | Power Pmin W | Insertion Loss max dB | Directivity min dB | VSWR max Main Line | Main Line Connector | Coupling Line Connector |
|--|-----------------------|----------------------|--------------------|-----------------------------|--------------------------|--------------------------|------------------------|----------------------------|
| BDC 0125-40/500 S: Single directional coupler | 9 kHz ... 250 MHz | 40 ±1.75 | 0 / 0 ±0 | 0 / 0 | 0 | 2 HU, 430 mm | 0 | SMA-f |

OPTIONS

- 1) male RF input connector
2) alternative main line connectors

- X) custom frequency range and custom coupling attenuation upon request
*) WRD 650: below 6.2 GHz, VSWR and directivity deteriorate

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.