

BDC 9 kHz ... 400 MHz Directional Coupler

STANDARD MODELS

Model	Frequency Range X)	Coupling X) dB	Power	Insertion Loss	Directivity	VSWR	Main Line	Coupling Line
			P _{min} W	max dB	min dB	max Main Line	Connector	Connector
BDC 0140-30/250 S: Single directional coupler	9 kHz ... 400 MHz	30 ±1.5	0 / 0 ±0	0 / 0	500	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.