

# BDC 9 kHz ... 400 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 0140-30/250	9 kHz ... 400 MHz	30 ±1.5	0 / 0 ±0	0 / 0	500	2 HU, 430 mm	0	SMA-f
BDC 0140-40/200	9 kHz ... 400 MHz	40 ±1.5	0 / 0 ±0	0 / 0	500	2 HU, 430 mm	0	SMA-f
BDC 0140-40/500	9 kHz ... 400 MHz	40 ±1.5	0 / 0 ±0	0 / 0	500	2 HU, 430 mm	0	SMA-f
BDC 0140-50/500	9 kHz ... 400 MHz	50 ±1.5	0 / 0 ±0	0 / 0	3000	2 HU, 430 mm	0	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.