

BDC 9 kHz ... 1000 MHz

Directional Coupler

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	Coupling Line Connector
BDC 0100-30/50	9 kHz ... 1000 MHz	30 ± 1.5	0 / 0 ± 0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 0100-40/100	9 kHz ... 1000 MHz	40 ± 1.5	0 / 0 ± 0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 0100-40/200	9 kHz ... 1000 MHz	40 ± 1.5	0 / 0 ± 0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 0100-40/500	9 kHz ... 1000 MHz	40 ± 1.5	0 / 0 ± 0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 0100-43/100	9 kHz ... 1000 MHz	43 ± 1.5	0 / 0 ± 0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 0100-43/200	9 kHz ... 1000 MHz	43 ± 1.5	0 / 0 ± 0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 0100-43/500	9 kHz ... 1000 MHz	43 ± 1.5	0 / 0 ± 0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 0100-50/1000	9 kHz ... 1000 MHz	50 ± 1.5	0 / 0 ± 0	0 / 0	0	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.