

BDC 2 ... 18 GHz 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 2018-20/25S	2 ... 18 GHz	20 ±1.5	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 2018-30/20S	2 ... 18 GHz	30 ±1.1	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 2018-30/500	2 ... 18 GHz	30 ±2.4	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	N-f
BDC 2018-40/500	2 ... 18 GHz	40 ±2.4	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	N-f
BDC 2018-50/400	2 ... 18 GHz	50 ±2.4	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	N-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.