BDC 6 ... 18 GHz
Directional Coupler

BONN Elektronik
YOUR ULTIMATE RF POWER SOURCE

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 6018-20/35S	6 ... 18 GHz	20 ±1,85	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 6018-20/100S	6 ... 18 GHz	20 ±1,5	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 6018-30/35S	6 ... 18 GHz	30 ±2,7	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 6018-30/50S	6 ... 18 GHz	30 ±1,5	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 6018-30/300	6 ... 18 GHz	30 ±1	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 6018-40/300	6 ... 18 GHz	40 ±1	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 6018-40/1000	6 ... 18 GHz	40 ±3	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 6018-50/300	6 ... 18 GHz	50 ±1	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	SMA-f
BDC 6018-50/1000	6 ... 18 GHz	50 ±3	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.