BDC 18 ... 40 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 1), 2)	Coupling Line Connector 3)
BDC 1840-30/50S	18 ... 40 GHz	30 ±3	50	0.2	30	1.25:1	WRD-180	2,92 mm-f
BDC 1840-30/100	18 ... 40 GHz	30 ±3	100	0.5	25	1.2:1	WRD-180	2,92 mm-f
BDC 1840-40/50S	18 ... 40 GHz	40 ±3	50	0.2	30	1.25:1	WRD-180	2,92 mm-f
BDC 1840-40/100	18 ... 40 GHz	40 ±2.5	100	0.5	25	1.2:1	WRD-180	2,92 mm-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.