

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 1), 2)	Coupling Line Connector 3)
BDC 8018-30/500	7.5 ... 18 GHz	30 ±3	500	1	25	1.25:1	WRD-750	SMA-f
BDC 8018-30/1000	7.5 ... 18 GHz	30 ±3	1000	0.5	25	1.25:1	WRD-750	SMA-f
BDC 8018-40/1000	7.5 ... 18 GHz	40 ±3	1000	0.5	25	1.25:1	WRD-750	SMA-f
BDC 8018-50/500	7.5 ... 18 GHz	50 ±3	500	1	25	1.25:1	WRD-750	SMA-f
BDC 8018-50/1000	7.5 ... 18 GHz	50 ±3	1000	0.5	25	1.25:1	WRD-750	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.