

BDC 8.2 ... 12.4 GHz Directional Coupler

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 8012-40/500S	8.2 ... 12.4 GHz	40 ±1.5	500	0.2	15	1.1:1	WR-90	SMA-f
BDC 8012-50/500	8.2 ... 12.4 GHz	50 ±1.7	500	0.2	30	1.05:1	WR-90	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.