

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 0160-30/500	0.1 ... 6 GHz					1.3:1	N-f	N-f
	144 ... 146 MHz	45 ±3	500	0.2	20			
	400 ... 450 MHz	36 ±3	500	0.2	20			
	0.7 ... 6 GHz	30 ±2	500	0.2	20			
BDC 0160-40/500	0.1 ... 6 GHz					1.3:1	N-f	N-f
	144 ... 146 MHz	55 ±3	500	0.2	20			
	400 ... 450 MHz	46 ±3	500	0.2	20			
	0.7 ... 6 GHz	40 ±2	500	0.2	20			
BDC 0160-50/500	0.1 ... 6 GHz					1.3:1	N-f	N-f
	144 ... 146 MHz	65 ±3	500	0.2	20			
	400 ... 450 MHz	56 ±3	500	0.2	20			
	0.7 ... 6 GHz	50 ±2	500	0.2	20			

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.