

BDC 100 ... 6000 MHz

Directional Coupler (ISO 11452-9)

STANDARD MODELS

Model	Part Number	Frequency Range	Coupling dB	Power Pmin W	Insertion Loss max dB	Directivity min dB	VSWR max Main Line	Main Line Connectors	Coupling Line Connector(s)	
BDC 0160-30/500	10023650	100 ... 6000 MHz		500	0.2	20	1.3:1	N-f/N-f	SMA-f	
		142 ... 146 MHz	45 ±3							
		400 ... 470 MHz	36 ±3							
		700 ... 6000 MHz	30 ±2							
	10025112	100 ... 6000 MHz			500	0.2	20	1.3:1	N-f/N-f	N-f
		142 ... 146 MHz	45 ±3							
		400 ... 470 MHz	36 ±3							
		700 ... 6000 MHz	30 ±2							
	10024263	100 ... 6000 MHz			500	0.2	20	1.3:1	N-m/N-f	N-f
		142 ... 146 MHz	45 ±3							
		400 ... 470 MHz	36 ±3							
		700 ... 6000 MHz	30 ±2							
BDC 0160-40/500	10023651	100 ... 6000 MHz		500	0.2	20	1.3:1	N-f/N-f	SMA-f	
		142 ... 146 MHz	55 ±3							
		400 ... 470 MHz	46 ±3							
		700 ... 6000 MHz	40 ±2							
	10025161	100 ... 6000 MHz			500	0.2	20	1.3:1	N-m/N-f	N-f
		142 ... 146 MHz	55 ±3							
		400 ... 470 MHz	46 ±3							
		700 ... 6000 MHz	40 ±2							
	BDC 0160-50/500	10024257	100 ... 6000 MHz		500	0.2	20	1.3:1	N-f/N-f	N-f
			142 ... 146 MHz	65 ±3						
			400 ... 470 MHz	56 ±3						
			700 ... 6000 MHz	50 ±2						
BDC 0160-50/1500	10025829	100 ... 6000 MHz		1500	0.3	20	1.3:1	7-16-m/7-16-f	N-f	
		142 ... 146 MHz	65 ±3							
		400 ... 470 MHz	56 ±3							
		700 ... 6000 MHz	50 ±2							
	10025572	100 ... 6000 MHz			1500	0.3	20	1.3:1	7-16-f/7-16-f	N-f
		142 ... 146 MHz	65 ±3							
		400 ... 470 MHz	56 ±3							
		700 ... 6000 MHz	50 ±2							

For individual data sheets, please click on the above model name

Special Dual Directional Coupler according to Automotive ISO 11452-9
Road vehicles - Component test methods for electrical disturbances - Part 9: Portable transmitters
142 MHz ... 6 GHz at standardized sub-bands
-> Attention: Below 700 MHz there is no continuously usable frequency range with defined coupling attenuation!