

Product Specification

ADRF-CBC-x-LPIM

Low PIM Cross-Band Coupler



Electrical Specification

	ADRF-CBC-700-2600-LPIM	ADRF-CBC-80-2700-S
Frequency Range	698 – 940 MHz 1710 – 2690 MHz	80 – 2170 MHz 2400 – 2700 MHz
Center Frequency	819 MHz 2200 MHz	1125 MHz 2550 MHz
Bandwidth	242 MHz 980 MHz	2090 MHz 300 MHz
Insertion Loss	0.3 dB (Max)	0.3 dB (Max) 0.5 dB (Max)
Return Loss	20 dB (Min)	17.6 dB (Min)
Isolation	50 dB (Min)	50 dB (Min)
Power Rating (Average)	200 W	100 W
Operating Temperature	14° – 140° F	14° – 140° F
Passive Intermodulation	153 dBc @ 2 tone x 43 dBm	153 dBc @ 2 tone x 43 dBm

General Specification

	ADRF-CBC-700-2600-LPIM	ADRF-CBC-80-2700-S
Dimensions (W x H x D)	5.39 x 3.22 x 1.65 in	6.36 x 5.86 x 1.45 in
Weight	0.88 lbs	4.0 lbs
Connectors	N-Type Female (All Ports)	N-Type Female (All Ports)
Weather Resistance	IP65	IP67

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