



THE SIGNAL FOR SUCCESS

Product Specification

ADRF-DCPL-x-4310

Low PIM Directional Coupler



Electrical Specification

	ADRF-DCPL-10-4310	ADRF-DCPL-6-4310
Frequency Range	578 – 2700 MHz	578 – 2700 MHz
Insertion Loss	0.8 dB (Max)	1.8 dB (Max)
VSWR	1.25 : 1 (Max)	1.25 : 1 (Max)
Isolation	30 dB (Min)	26 dB (Min)
Directivity	20 dB (Min)	20 dB (Min)
Power Rating (Average)	100 W	50 W
Power Rating (Peak)	1000 W	500 W
Impedance	50 Ω	50 Ω
Operating Temperature	-40° – 185° F	-40° – 185° F
Passive Intermodulation	161 dBc @ 2 tone x 43 dBm	161 dBc @ 2 tone x 43 dBm
Coupling Value	10 dB ± 1 dB	6 dB ± 1 dB

General Specification

	ADRF-DCPL-10-4310	ADRF-DCPL-6-4310
Dimensions (W x H x D)	6.69 x 1.61 x 1.06 in	4.53 x 1.36 x 1.06 in
Weight	1.36 lbs	0.88 lbs
Connectors	4.3-10 Female	4.3-10 Female
Weather Resistance	NEMA-4X (IP65)	NEMA-4X (IP65)

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