

DIRECTIONAL COUPLERS

Part Number	Frequency (MHz)	Insertion Loss (max)	Return Loss (min)	Coupling (dB)	Isolation (min.)	Case Size
0848CP14A075	810 - 885	0.25 dB	15.6 dB	20.3 ± 1.0 dB	28.0 dB	Case 14-1
0869CP14A090	824 - 915	0.3 dB	15.6 dB	17 ± 1.0 dB	26.0 dB	Case 14-1
0898CP14A035	880 - 915	0.28 dB	15.6 dB	18 ± 1.0 dB	26.0 dB	Case 14-1
0898CP14B035	880 - 915	0.25 dB	15.6 dB	20 ± 1.0 dB	28.0 dB	Case 14-1
0898CP15A035	880 - 915	0.50 dB	14.0 dB	20 ± 1.0 dB	25.0 dB	Case 15-1
0967CP14A024	955 - 979	0.50 dB	15.6 dB	12.5 ± 1.0 dB	19.0 dB	Case 14-1
1747CP14A075	1710 - 1785	0.44 dB	15.6 dB	14.5 ± 1.0 dB	25.0 dB	Case 14-1
1748CP15A075	1710 - 1785	0.50 dB	14.0 dB	20 ± 1.0 dB	25.0 dB	Case 15-1
1810CP14A200	1710 - 1910	0.30 dB	15.6 dB	20 ± 1.0 dB	25.0 dB	Case 15-1

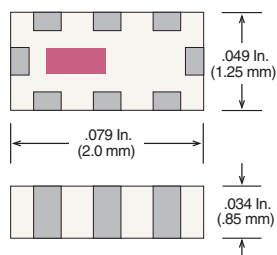
DIRECTIONAL COUPLER - DUAL BAND, SINGLE PATH

Part Number	Frequency (MHz)	Insertion Loss (max)	Return Loss (min)	Coupling (dB)	Isolation (min.)	Case Size
0869CP14B1050	B1) 824 - 915	0.4 dB	15.6 dB	14.2 ± 1.0	23.0 dB	Case 14-1
	B2) 999 - 1102	0.6 dB	15.6 dB	12.7 ± 1.0	22.0 dB	

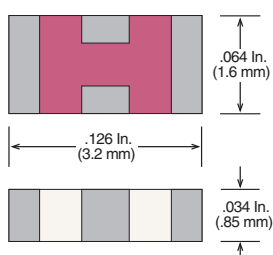
DIRECTIONAL COUPLER - DUAL BAND, DUAL PATH

Part Number	Frequency (MHz)	Insertion Loss (max)	Return Loss (min)	Coupling (dB)	Isolation (min.)	Case Size
0898CD15B1748	B1) 880 - 915	0.40 dB	10.9 dB	19.2 ± 1.0	B1 In > B2 Out: 35.0 dB B1 In > B2 In: 25.0 dB B1 Out > B2 In: 25.0 dB B1 In > Term: 23.0 dB B2 In > Term: 23.0 dB	Case 15-2
	B2) 1710 - 1785	0.4 dB	10.9 dB	19.2 ± 1.0		
0898CD15C1748	B1) 1710 - 1785	0.45 dB	10.9 dB	14.0 ± 1.5	B1 In > B2 Out: 35.0 dB B1 In > B2 In: 24.0 dB B1 Out > B2 In: 24.0 dB B1 In > Term: 24.0 dB B2 In > Term: 24.0 dB	Case 15-2
	B2) 880 - 915	0.35 dB	10.9 dB	19.2 ± 1.0		
0898CD15D1748	B1) 880 - 915	0.35 dB	14.0 dB	19.0 ± 1.0	B1 In > B2 Out: 25.5 dB B1 In > B2 In: 21.0 dB B1 Out > B2 In: 22.0 dB B1 In > Term: 17.0 dB B2 In > Term: 24.0 dB	Case 15-2
	B2) 1710 - 1785	0.50 dB	14.0 dB	14.0 ± 1.5		

Case 15-2 (EIA 0805 / 2012)



Case 18-2 (EIA 1206 / 3216)



Basic case size drawings for above part numbers are located on this page or the preceding page.
Detailed specifications and performance curves for the RF Ceramic Component line are located on our website.

