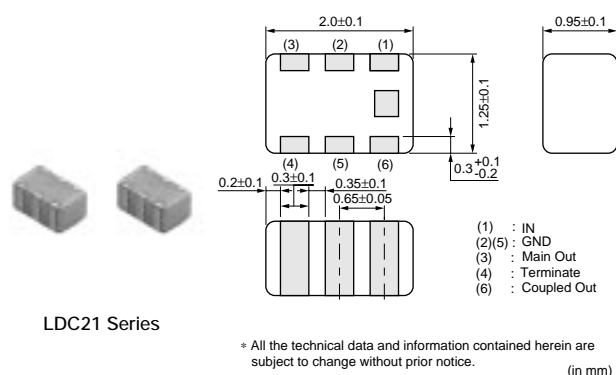
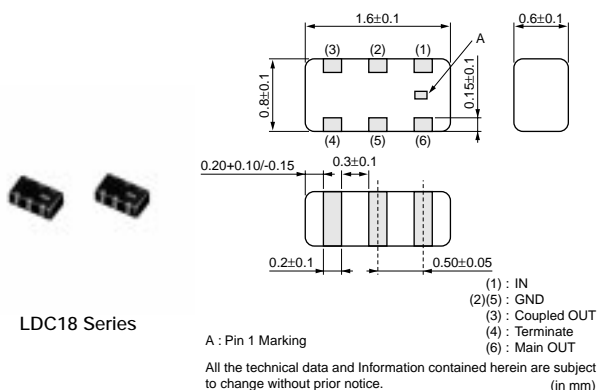


# Chip Multilayer Hybrid Couplers

## Directional Coupler



Part Number	Frequency Range (MHz)	Coupling (dB)	Insertion Loss (dB)	Isolation (min.) (dB)	VSWR (max.)	Characteristic Impedance (Nom.) (ohm)	Power Capacity (W)
<b>LDC18906M17B-325</b>	906.0 ±19.0MHz	17.9 ±1.0dB	0.25 max. (at 25°C)	26.0	1.4	50	3 max. (50ohm Load)
<b>LDC181G4414B-325</b>	1441.0 ±12.0MHz	14.1 ±1.0dB	0.42 max. (at 25°C)	23.0	1.4	50	3 max. (50ohm Load)
<b>LDC181G7420B-327</b>	1747.5 ±37.5MHz	20.0 ±1.0dB	0.26 max. (at 25°C)	26.0	1.4	50	3 max. (50ohm Load)
<b>LDC182G4510B-325</b>	2450.0 ±50.0MHz	10.0 ±1.0dB	0.74 max. (at 25°C)	23.0	1.4	50	3 max. (50ohm Load)
<b>LDC21836M20B-027</b>	836.5 ±12.5MHz	20.6 ±1.0dB	0.15 max. (at 25°C)	28.0	1.4	50	3 max. (50ohm Load)
<b>LDC21897M20B-027</b>	897.5 ±17.5MHz	20.0 ±1.0dB	0.16 max. (at 25°C)	27.5	1.4	50	3 max. (50ohm Load)
<b>LDC21924M19B-027</b>	924.5 ±35.5MHz	19.8 ±1.2dB	0.17 max. (at 25°C)	26.5	1.4	50	3 max. (50ohm Load)
<b>LDC21950M19B-027</b>	950.0 ±10.0MHz	19.6 ±1.0dB	0.17 max. (at 25°C)	26.5	1.4	50	3 max. (50ohm Load)
<b>LDC211G4416B-027</b>	1441.0 ±12.0MHz	16.2 ±1.0dB	0.24 max. (at 25°C)	24.5	1.4	50	1 max. (50ohm Load)
<b>LDC211G7412B-032</b>	1747.5 ±37.5MHz	12.8 ±1.0dB	0.50 max. (at 25°C)	20.3	1.4	50	1 max. (50ohm Load)
<b>LDC211G8820B-042</b>	1880.0 ±30.0MHz	20.0 ±1.0dB	0.23 max. (at 25°C)	26.0	1.4	50	1 max. (50ohm Load)
<b>LDC211G9014B-027</b>	1907.5 ±12.5MHz	14.0 ±1.0dB	0.33 max. (at 25°C)	22.5	1.4	50	1 max. (50ohm Load)
<b>LDC211G9517B-031</b>	1950.0 ±30.0MHz	17.3 ±1.0dB	0.27 max. (at 25°C)	21.0	1.4	50	1 max. (50ohm Load)
<b>LDC212G4518B-041</b>	2450.0 ±50.0MHz	18.8 ±1.0dB	0.30 max. (at 25°C)	22.5	1.4	50	1 max. (50ohm Load)

Operating Temperature Range: -40°C to +85°C