

Chip Multilayer Hybrid Couplers

Directional Coupler

LDC18906M17B-325

A : Pin 1 Marking

All the technical data and Information contained herein are subject to change without prior notice. (in mm)

(1) : IN
(2)(5) : GND
(3) : Coupled OUT
(4) : Terminate
(6) : Main OUT

LDC21836M20B-027

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(1) : IN
(2)(5) : GND
(3) : Main Out
(4) : Terminate
(6) : Coupled Out

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

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

Note • This catalog has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering. Especially, please read rating and **CAUTION** (for storage, operating, rating, soldering, mounting and handling) in them to prevent smoking and/or burning, etc.
• You are able to read a detailed specifications in the website (<http://search.murata.co.jp/>) before to require our product specifications or to transact the approval sheet for product specifications.