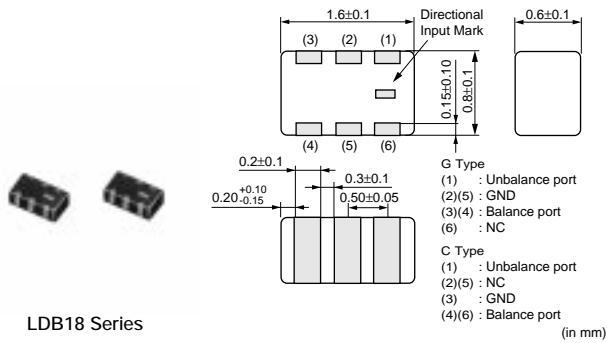


Chip Multilayer Hybrid Baluns



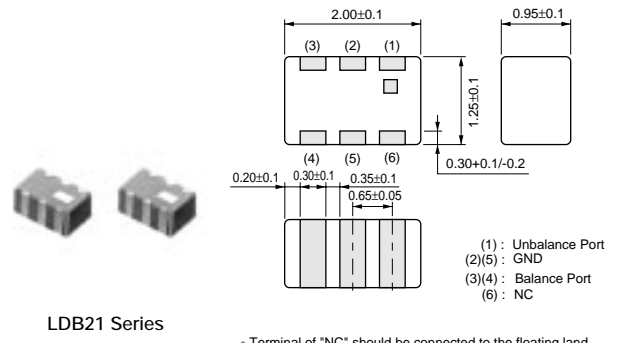
LDB18 Series

G Type
 (1) : Unbalance port
 (2)(5) : GND
 (3)(4) : Balance port
 (6) : NC

C Type
 (1) : Unbalance port
 (2)(5) : NC
 (3) : GND
 (4)(6) : Balance port

(in mm)

*Terminal of "NC" should be fixed to the no connected pattern.
 All the technical data and Information contained herein are subject to change without prior notice.




LDB21 Series

(1) : Unbalance Port
 (2)(5) : GND
 (3)(4) : Balance Port
 (6) : NC

* Terminal of "NC" should be connected to the floating land.
 * All the technical data and information contained herein are subject to change without prior notice.

| Part Number | Frequency Range (MHz) | Insertion Loss I) (dB) | Insertion Loss II) (dB) | Unbalance Impedance (Nom.) (ohm) | Balance Impedance (Nom.) (ohm) | Application |
|------------------|-----------------------|------------------------|-------------------------|----------------------------------|--------------------------------|-------------|
| LDB181G8115G-120 | 1810 ±100MHz | 1.1 max. (at 25°C) | 1.2 max. (-40~+85°C) | 50 | 150 | GSM |
| LDB181G8120G-120 | 1810 ±100MHz | 1.2 max. (at 25°C) | 1.3 max. (-40~+85°C) | 50 | 200 | GSM |
| LDB181G9505C-110 | 1955.0 ±35.0MHz | 1.2 max. (at 25°C) | 1.3 max. (-40~+85°C) | 50 | 50 | GSM |
| LDB181G9510C-110 | 1955.0 ±35.0MHz | 1.2 max. (at 25°C) | 1.3 max. (-40~+85°C) | 50 | 100 | GSM |
| LDB182G4505C-110 | 2450.0 ±50.0MHz | 1.0 max. (at 25°C) | 1.1 max. (-40~+85°C) | 50 | 50 | WLAN/BT |
| LDB182G4510C-110 | 2450.0 ±50.0MHz | 1.0 max. (at 25°C) | 1.1 max. (-40~+85°C) | 50 | 100 | WLAN/BT |
| LDB182G4510G-120 | 2450.0 ±50.0MHz | 1.1 max. (at 25°C) | 1.2 max. (-40~+85°C) | 50 | 100 | WLAN/BT |
| LDB182G4520C-110 | 2450.0 ±50.0MHz | 1.3 max. (at 25°C) | 1.4 max. (-40~+85°C) | 50 | 200 | WLAN/BT |
| LDB182G5005G-120 | 2500 ±200MHz | 1.15 max. (at 25°C) | 1.25 max. (-40~+85°C) | 50 | 50 | WIMAX |
| LDB182G5010G-120 | 2500 ±200MHz | 1.1 max. (at 25°C) | 1.2 max. (-40~+85°C) | 50 | 100 | WIMAX |
| LDB183G4505G-120 | 3450 ±150MHz | 1.25 max. (at 25°C) | 1.35 max. (-40~+85°C) | 50 | 50 | WIMAX |
| LDB183G4510G-120 | 3450 ±150MHz | 1.25 max. (at 25°C) | 1.35 max. (-40~+85°C) | 50 | 100 | WIMAX |
| LDB183G6005G-120 | 3600 ±300MHz | 1.3 max. (at 25°C) | 1.4 max. (-40~+85°C) | 50 | 50 | WIMAX |
| LDB183G6010G-120 | 3600 ±300MHz | 1.4 max. (at 25°C) | 1.5 max. (-40~+85°C) | 50 | 100 | WIMAX |
| LDB183G7010C-110 | 3700.0 ±300.0MHz | 1.4 max. (at 25°C) | 1.5 max. (-40~+85°C) | 50 | 100 | GSM |
| LDB184G5010C-110 | 4500.0 ±300.0MHz | 1.1 max. (at 25°C) | 1.2 max. (-40~+85°C) | 50 | 100 | GSM |
| LDB185G3705G-120 | 5375 ±475MHz | 1.50 max. (at 25°C) | 1.65 max. (-40~+85°C) | 50 | 50 | WLAN/BT |
| LDB185G3710G-120 | 5375 ±475MHz | 1.20 max. (at 25°C) | 1.35 max. (-40~+85°C) | 50 | 100 | WLAN/BT |
| LDB18869M10G-120 | 869.5 ±45.5MHz | 1.0 max. (at 25°C) | 1.1 max. (-40~+85°C) | 50 | 100 | GSM |
| LDB18869M15G-120 | 869.5 ±45.5MHz | 1.0 max. (at 25°C) | 1.1 max. (-40~+85°C) | 50 | 150 | GSM |
| LDB211G8105C-001 | 1815 ±105MHz | 1.0 max. (at 25°C) | 1.1 max. (-40~+85°C) | 50 | 50 | GSM |
| LDB211G8110C-001 | 1810 ±100MHz | 0.8 max. (at 25°C) | 0.9 max. (-40~+85°C) | 50 | 100 | GSM |
| LDB211G8115C-001 | 1810 ±100MHz | 0.8 max. (at 25°C) | 0.9 max. (-40~+85°C) | 50 | 150 | GSM |
| LDB211G8120C-002 | 1810 ±100MHz | 0.8 max. (at 25°C) | 0.9 max. (-40~+85°C) | 50 | 200 | GSM |
| LDB212G4005C-001 | 2400 ±100MHz | 0.8 max. (at 25°C) | 0.9 max. (-40~+85°C) | 50 | 50 | WLAN/BT |
| LDB212G4010C-001 | 2400 ±100MHz | 0.9 max. (at 25°C) | 1.0 max. (-40~+85°C) | 50 | 100 | WLAN/BT |
| LDB212G4020C-001 | 2400 ±100MHz | 0.95 max. (at 25°C) | 1.05 max. (-40~+85°C) | 50 | 200 | WLAN/BT |
| LDB213G7010C-002 | 3700 ±300MHz | 1.0 max. (at 25°C) | 1.1 max. (-40~+85°C) | 50 | 100 | GSM |
| LDB213G7020C-001 | 3700 ±300MHz | 2.2 max. (at 25°C) | 2.3 max. (-40~+85°C) | 50 | 200 | GSM |
| LDB215G1210C-001 | 5125 ±225MHz | 1.10 max. (at 25°C) | 1.25 max. (-40~+85°C) | 50 | 100 | WLAN/BT |
| LDB215G2505C-001 | 5250 ±100MHz | 1.10 max. (at 25°C) | 1.25 max. (-40~+85°C) | 50 | 50 | WLAN/BT |
| LDB215G2510C-001 | 5250 ±100MHz | 0.95 max. (at 25°C) | 1.10 max. (-40~+85°C) | 50 | 100 | WLAN/BT |
| LDB215G2520C-001 | 5250 ±100MHz | 1.10 max. (at 25°C) | 1.25 max. (-40~+85°C) | 50 | 200 | WLAN/BT |
| LDB215G3710C-001 | 5375 ±475MHz | 0.95 max. (at 25°C) | 1.10 max. (-40~+85°C) | 50 | 100 | WLAN/BT |
| LDB215G5105C-001 | 5512 ±363MHz | 1.10 max. (at 25°C) | 1.25 max. (-40~+85°C) | 50 | 50 | WLAN/BT |
| LDB215G5110C-001 | 5512 ±363MHz | 0.95 max. (at 25°C) | 1.10 max. (-40~+85°C) | 50 | 100 | WLAN/BT |
| LDB215G5120C-001 | 5512 ±363MHz | 1.10 max. (at 25°C) | 1.25 max. (-40~+85°C) | 50 | 200 | WLAN/BT |
| LDB21869M10C-001 | 869.5 ±45.5MHz | 1.0 max. (at 25°C) | 1.1 max. (-40~+85°C) | 50 | 100 | GSM |
| LDB21869M15C-001 | 869.5 ±45.5MHz | 1.2 max. (at 25°C) | 1.3 max. (-40~+85°C) | 50 | 150 | GSM |
| LDB21869M20C-001 | 869.5 ±45.5MHz | 1.2 max. (at 25°C) | 1.3 max. (-40~+85°C) | 50 | 200 | GSM |

Continued on the following page.

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| Part Number | Frequency Range (MHz) | Insertion Loss I) (dB) | Insertion Loss II) (dB) | Unbalance Impedance (Nom.) (ohm) | Balance Impedance (Nom.) (ohm) | Application |
|-------------------------|-----------------------|------------------------|-------------------------|----------------------------------|--------------------------------|-------------|
| LDB21881M05C-001 | 881.5 ±12.5MHz | 1.4 max. (at 25°C) | 1.5 max. (-40~+85°C) | 50 | 50 | GSM |
| LDB21881M20C-001 | 881.5 ±12.5MHz | 1.4 max. (at 25°C) | 1.5 max. (-40~+85°C) | 50 | 200 | GSM |
| LDB21942M05C-001 | 942.5 ±17.5MHz | 1.4 max. (at 25°C) | 1.5 max. (-40~+85°C) | 50 | 50 | GSM |
| LDB21942M20C-001 | 942.5 ±17.5MHz | 1.3 max. (at 25°C) | 1.4 max. (-40~+85°C) | 50 | 200 | GSM |
| LDM182G4505CC001 | 2450 ±50MHz | 0.88 max. (at 25°C) | 0.98 max. (-40~+85°C) | 50 | 50 | WLAN/BT |
| LDM182G4510CC001 | 2450 ±50MHz | 0.75 max. (at 25°C) | 0.85 max. (-40~+85°C) | 50 | 100 | WLAN/BT |
| LDM182G5005CC001 | 2500 ±200MHz | 0.9 max. (at 25°C) | 1.0 max. (-40~+85°C) | 50 | 50 | WLAN/BT |

单击下面可查看定价，库存，交付和生命周期等信息

[>>Murata\(村田\)](#)