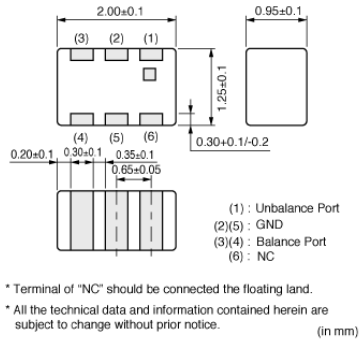


# LDB215G2520C-001

In Production Recommended RoHS REACH

## Appearance & Shape



## Features

Chip type SMD baluns constructed with copper conductor and ceramic material.  
 Ideal for high-frequency applications.  
 Small-size and low-loss baluns can be customized for the balance impedance of 50ohm to 200ohm.

1. Available in the 5150MHz to 5350MHz frequency range.
2. Impedance at balanced terminals is 200ohm.
3. Small, Low-profiled SMD.
4. Low loss.
5. Available in tape and reel packing for automatic mounting.

## Packaging Information

| Packaging | Specifications      | Minimum Order Quantity |
|-----------|---------------------|------------------------|
| -         | 180mm Embossed Tape | 4000                   |

# LDB215G2520C-001



## Specifications

|                                         |                                    |
|-----------------------------------------|------------------------------------|
| Applications                            | WLAN                               |
| Center Frequency                        | 5250.00MHz                         |
| Frequency Range                         | 5150.00MHz to 5350.00MHz           |
| Insertion Loss I)                       | 1.10dB max. (at 25°C)              |
| Insertion Loss II)                      | 1.25dB max. (-40 to +85°C)         |
| Unbalance Impedance (Nom.)              | 50Ω                                |
| Balance Impedance (Differential) (Nom.) | 200Ω                               |
| Unbalance Port VSWR                     | 2.30 max. (Balance Port:at 200ohm) |
| Power Capacity                          | 0.5W                               |
| Operating Temperature Range             | -40°C to 85°C                      |
| L x W (size)                            | 2.00x1.25mm                        |
| Thickness(max.)                         | 1.05mm                             |

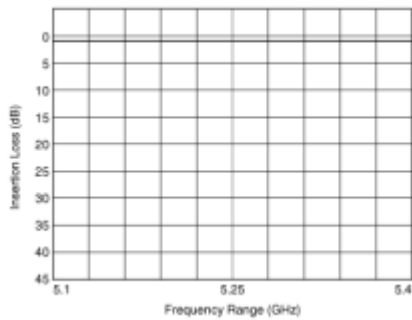
### Attention

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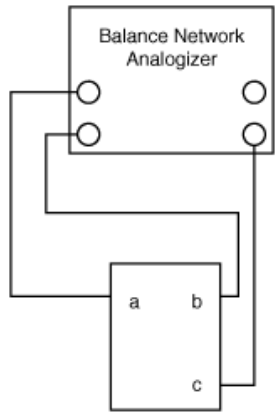
2.This datasheet has only typical specifications because there is no space for detailed specifications.  
 Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

# LDB215G2520C-001

## Product Data

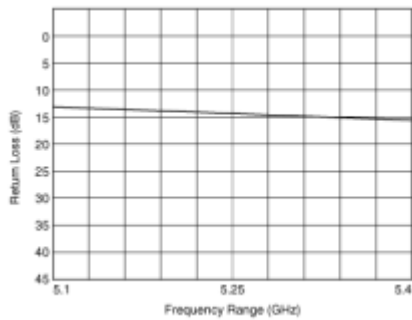


Insertion Loss Characteristics

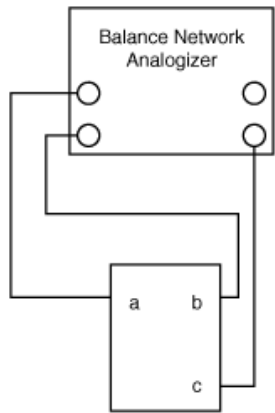


a : unbalance port  
b, c : balance port

Measurement Circuit of Insertion Loss



Characteristics of Unbalance Port VSWR



a : unbalance port  
b, c : balance port

Measurement Circuit of Unbalance Port VSWR

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