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Please download the latest datasheet of LDB213G7010C-002 from the official website of Murata Manufacturing

Co., Ltd.

https://www.murata.com/en-global/products/productdetail?partno=LDB213G7010C-002

## LDB213G7010C-002





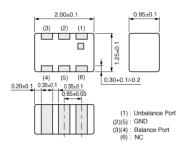






## Appearance & Shape





<sup>\*</sup> Terminal of "NC" should be connected the floating land.



## 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 3400MHz to 4000MHz frequency range.
- 2. Impedance at balanced terminals is 100ohm.
- 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

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1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

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



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<sup>\*</sup> All the technical data and information contained herein are subject to change without prior notice

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# LDB213G7010C-002



Applications	WIMAX	
Center Frequency	3700.00MHz	
Frequency Range	3400.00MHz to 4000.00MHz	
Insertion Loss I)	1.00dB max. (at 25°C)	
Insertion Loss II)	1.10dB max. (-40 to +85°C)	
Unbalance Impedance (Nom.)	50Ω	
Balance Impedance (Differential) (Nom.)	100Ω	
Unbalance Port VSWR	2.00 max. (Balance Port:at 100ohm)	
Power Capacity	0.5W	
Operating Temperature Range	-40℃ to 85℃	
L x W (size)	2.00x1.25mm	
Thickness(max.)	1.05mm	

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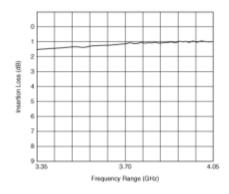
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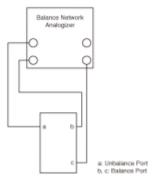


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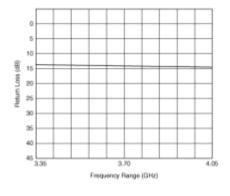
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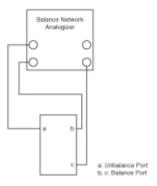




Insertion Loss Characteristics



Measurement Circuit of Insertion Loss



Characteristics of Unbalance Port VSWR

Measurement Circuit of Unbalance Port VSWR

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