

# LFD182G45DCJD247

In Production

Recommended

RoHS

REACH

## Packaging Information

Packaging	Specifications	Minimum Order Quantity
-	180mm Paper Tape	4000

## Features

Adiplier branching low and high band.

1. Low insertion loss.
2. Small size, low-profiled and light weight.
3. Absolutely no adjustment required.
4. Reflow solderable.

### Attention

- 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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## Specifications

Applications	WLAN
Center Frequency(P1)(f1)	2450.00MHz
Frequency Range(P1)(f1)	2400.00MHz to 2500.00MHz
Center Frequency(P2)(f2)	5425.00MHz
Frequency Range(P2)(f2)	4900.00MHz to 5950.00MHz
Insertion Loss I(P1-P3 in f1)	0.35dB max. (at 25°C)
Insertion Loss II(P1-P3 in f1)	0.45dB max. (-40 to +85°C)
Insertion Loss I(P2-P3 in f2)	0.50dB max. (at 25°C)
Insertion Loss II(P2-P3 in f2)	0.60dB max. (-40 to +85°C)
Attenuation(P2-P3)(in f1)	30.0dB min.
VSWR(P1)(in f1)	1.80 max.
VSWR(P2)(in f2)	1.80 max.
VSWR(P3)(in f1,f2)	1.80 max.
Power Capacity	3W
Operating Temperature Range	-40°C to 85°C
L x W (size)	1.60x0.80mm
Thickness(max.)	0.7mm

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