



ENGLISH

Datasheet

## RS Pro 100Ω RS Pro 2400 to 2500MHz Surface Mount Chip Balun

RS Stock No: **884-2256**



### Product Details

RS Pro chip balun is suitable for use in 2.4 GHz ISM band RF and Bluetooth, wireless LAN and HomeRF applications. This balun works on multilayer LTCC (Low Temperature Co-fired Ceramics) technology.

### Features and Benefits

- 2.4 GHz ISM band working frequency
- Multilayer ceramic balun transformer
- Miniature size: 1.6 x 0.8 x 0.7 mm
- Low insertion loss reduces power consumption
- Low inband amplitude and phase imbalance enable high performance wireless system operation
- Enable for DC biasing of PA or mixer
- Unbalance impedance is upon request

**Specifications:**

Balance Impedance	100 $\Omega$
Dimensions	1.6 x 0.8 x 0.7 mm
Height	0.7 mm
Length	1.6 mm
Maximum Frequency	2500 MHz
Maximum Insertion Loss	1.2 dB
Maximum Operating Temperature	+85°C
Minimum Frequency	2400 MHz
Minimum Operating Temperature	-40°C
Mounting Type	Surface Mount
Pin Count	6
Unbalance Impedance	50 $\Omega$
Width	0.8 mm