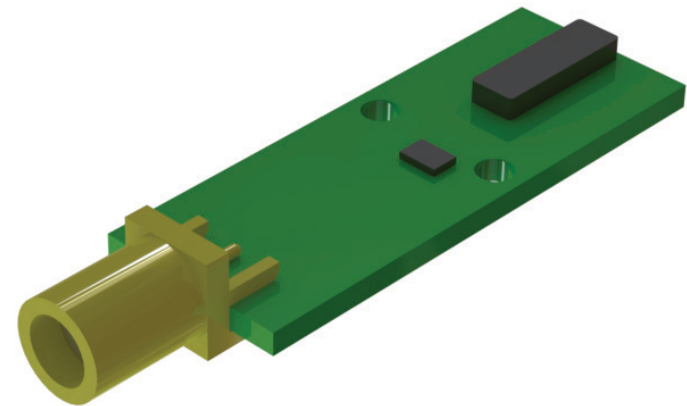


Dualband Coupler

MA009890

- High-quality coupler to test WLAN and Bluetooth antennas
- Great near-field coupling at dualband frequencies (2.4 GHz and 5 GHz)
- Outstanding small-size antenna coupler – easy to integrate for all kinds of test applications
- Suitable for high-volume production and R&D test environments



APPLICATIONS

WLAN or Bluetooth antenna testing of mobile devices like smartphones, tablets, wearables, handheld navigators, and other portable devices with WLAN or Bluetooth.

Suitable for testing in high-volume production, R&D laboratories, service centres, and test laboratories.

TECHNICAL CHARACTERISTICS

Dimensions: 44.55 x 13.00 x 6.35 mm
(1.75" x 0.51" x 0.25")

INSTALLATION REQUIREMENTS

M2 plastic screws

INTERFACES

RF Connector Type: SMA (Female)

CONTACT INFO

sales@bluelec.com

TECHNICAL DETAILS

Environments	
Temperature	from 0°C to +60°C
Relative humidity	from 15% to 95% non-condensing
Specification	
Frequency Range 1	2.4-2.5 GHz
Frequency Range 2	5.2-5.8 GHz
Terminal	50 ohm

Near-field coupling of the couplers measured for a design reference. Two identical JOT MA009890 Couplers positioned contrary each other at a distance of 5 mm.



Coupling Frequency response and matching.

