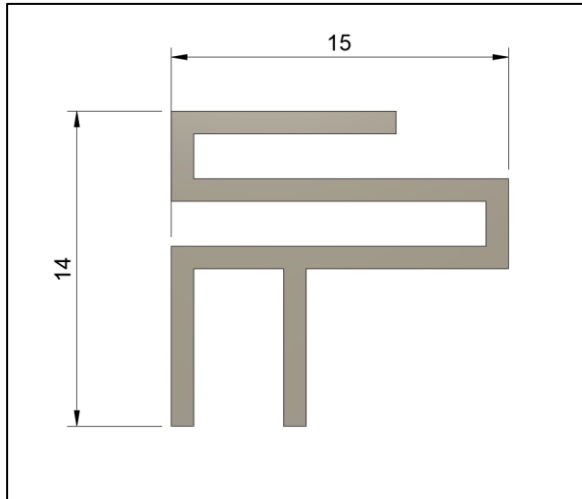


Antenna 1 – PCB Antenna (Type A, Compact Design)



Model: NT-PCB1900A

Type: Integrated PCB Antenna

Frequency Range: 1880 – 1930 MHz

Impedance: 50 Ω

VSWR: < 2.0

Gain: typ. 1 dBi

Polarization: Linear

Radiation Pattern: Quasi-omnidirectional

Design: Meander trace structure on FR4

Dimensions: approx. 14 mm $\times$ 15 mm

Mounting: Integrated on mainboard

Connection: 50 Ω matched RF trace

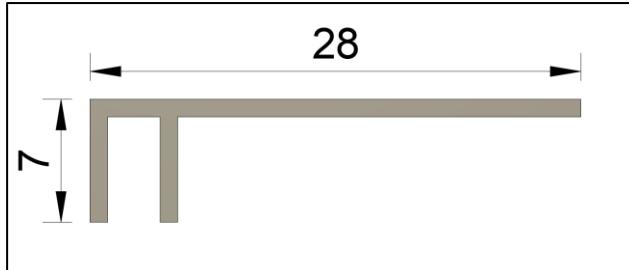
Material: Copper trace on FR4 substrate

Typical Use Case: wireless audio, DECT

Notes: Optimized for compact enclosures



Antenna 2 – PCB Antenna (Type B, Extended or Directional Variant)



Model: NT-PCB1900B

Type: Integrated PCB Antenna (Extended Design)

Frequency Range: 1880 – 1930 MHz

Impedance: 50 Ω

VSWR: < 1.8

Gain: typ. 2 dBi

Polarization: Linear

Radiation Pattern: Semi-directional

Design: Meander trace structure on FR4

Dimensions: approx. 28 mm $\times$ 7 mm

Mounting: Edge-mounted on PCB

Connection: 50 Ω RF transmission line

Material: Copper on FR4

Typical Use Case: wireless audio, DECT

Notes: Designed for open-radiation environments

