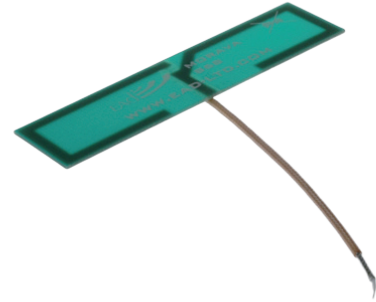


MORAVA ANTENNA

Neris Internal PCB Antenna

The Morava internal PCB antenna covers the 865-870 MHz frequency bands and is ground-plane independent. It can be easily integrated into wireless devices where the Morava antenna can be mounted onto the inside of a plastic enclosure. Ideal for a variety of applications using 868 MHz such as LoRa and low power radio applications on unlicensed bands, the Morava is a compact internal antenna solution.



Applications

- ▶ LoRa & LPWAN Applications
- ▶ Datalogging/Telemetry
- ▶ Security Systems
- ▶ ISM Products
- ▶ Portable Devices

Key Features

- ▶ Internal PCB Antenna
- ▶ Covers 868 MHz Band
- ▶ Groundplane Independent
- ▶ Various Cable/Connector Options
- ▶ Mount onto non-Metal Surface

ELECTRICAL SPECIFICATIONS

Frequency Range	Peak Gain	VSWR	Input Power	Impedance	Polarization
865-870 MHz	1.0 dBi	<2.5:1	10w	50 Ohm	Linear

MECHANICAL SPECIFICATIONS

Dimensions	Cable Type	Connector	PCB Material	IP-Rating	Mounting
81 x 21mm (l x w)	RG178, RG174, RG316 or Microcoax	SMA-Male (RP-SMA, MMCX and U.FL optional)	FR4	None	Adhesive Mount

POPULAR ORDERING OPTIONS

FMOR35002-UF-10	Morava Antenna with 100mm microcoax and U.FL connector
FMOR35002-SM-10	Morava Antenna with 100mm RG178 and SMA-Male connector
FMOR35002-MCF4-10	Morava Antenna with 100mm Microcoax and MCF connector