

## Datasheet

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# IOT826 (FAKRA-Z)

## Wall Mounted Low Profile Multiband Antenna

Slim multiband antenna designed for the mobile NB-IOT, GSM(2G), UMTS(3G) and LTE(4G) systems

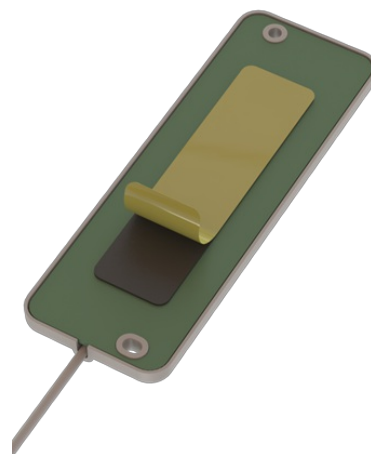
- Directional antenna combining the 2G/3G/4G technologies in one installation
- Easy mouting on vertical surfaces
- No groundplane needed

## ELECTRICAL SPECIFICATIONS

Frequency	790 - 960 MHz, 1710 - 2170 MHz, 2500 - 2690 MHz (LTE 800/1800/2600, UMTS 900/2100, GSM 850/900/1800/1900(PCS))
Bandwidth	See "FREQUENCY"
Antenna Type	Linear stripline
Impedance	50 Ohm
Vswr	< 2.5:1 (790-960 MHz / 1710-2170 MHz), < 1.5:1 (2500-2690 MHz)
Polarisation	Linear
Gain	0 dBd, 2.1 dBi
Radiation Pattern	Directional
Max. Input Power	5 W
Antistatic Protection	Direct Ground (DC-short)

## MECHANICAL SPECIFICATIONS

Color	White
Length	122.5 mm
Height	35 mm
Width	42.5 mm
Weight	160 g
Mounting Place	On wall
Materials	ASA, PCB, PE, PVC and copper
Operating Temperature	-40C to +70C
Connector	FAKRA-Z female (right angle)
Cable	White RG174 - 2 m



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ORDERING INFORMATION

P/N	48006-059 (2 m RG174 cable + FAKRA-Z female) (Bulk packing)
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PACKAGING INFORMATION

Type	Bulk or Polybag
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