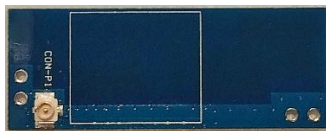


RYOFAN2

CAT-M1 / NB-IoT Global Band Antenna

Datasheet



PRODUCT DESCRIPTION

The RYOFAN2 CAT-M1/NB-IoT Bands antenna. It provides high efficiency in a very small form factor of just 37*14*3mm. It operates on cellular networks making it suited to any IoT applications.

SPECIFICATION

Item	Min.	Typ	Max.	Unit	Condition
Antenna Impedance		50		Ω	
Polarization					Linear
Maximum Input Power		5		W	
Frequency zone 1	617		894	MHz	
Frequency zone 2	1710		1910	MHz	
Frequency zone 3	1930		2155	MHz	
Antenna Gain	-3.2		1.3	dB	Frequency zone 1
Antenna Gain	-4.4		1.6	dB	Frequency zone 2
Antenna Gain	-3.8		1.7	dB	Frequency zone 3
Efficiency		46.2		%	Frequency zone 1
Efficiency		49.8		%	Frequency zone 2
Efficiency		52.3		%	Frequency zone 3
Material					FR4
Connector					Hirose U.FL-R-SMT-1
Weight		3.5		g	
Operating Temperature	-40	25	+85	°C	

DIMENSIONS

