

NANP40X15AJC0R829G2F

698 & 1710 MHz LTE PCB Antenna



Description

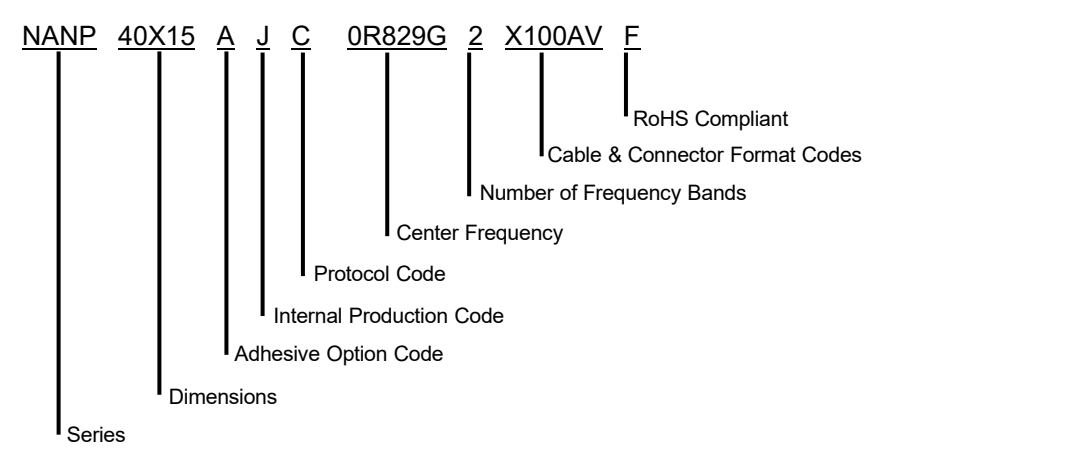
The NANP40X15AJC0R829G2F is a Rigid PCB antenna designed for dual-band WIFI applications. It operates within the frequency ranges of 698~960 MHz and 1710~2690 MHz, making it perfect for use in Routers, Gateways, and Meters.



Features

- 698 & 1710 MHz LTE Protocol
- Customizable cable type and cable length
- Rigid PCB Type
- RoHS compliant

Part Number Breakdown



Part Number Options

Part Number	Connector	Cable Length	Cable Type	Cable Orientation
NANP40X15AJC0R829G2X100AVF	IPEX MHF	100 mm	RF1.13	Vertical
NANP40X15AJC0R829G2X50AVF	IPEX MHF	50 mm	RF1.13	Vertical
NANP40X15AJC0R829G2X40AVF	IPEX MHF	40 mm	RF1.13	Vertical

The table represents assembled part numbers available on www.niccomp.com from standard connector and cable options. For options not listed above please contact NIC”

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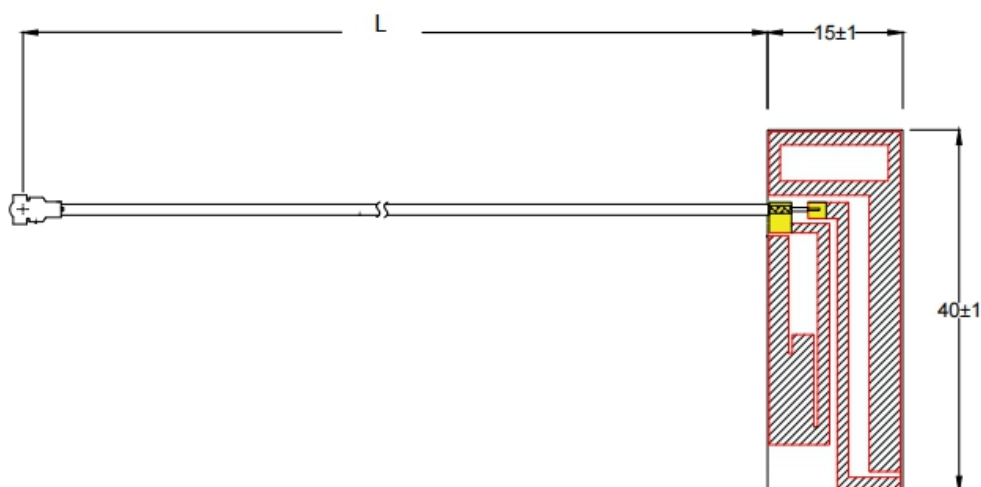
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Specifications

Frequency Ranges	698~960MHz
	1710~2690MHz
Gain	2 dBi
V.S.W.R	< 3.0
Polarization	Linear
Impedance	50Ω
Operating Temperature Range	-20°C~+70°C
Vibration Testing	10 – 55 Hz 1.5mm Amplitude 2 hours
Mounting Method	Adhesive
RoHS Complaint	Yes

Dimensions



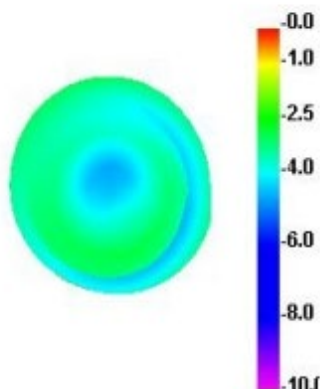
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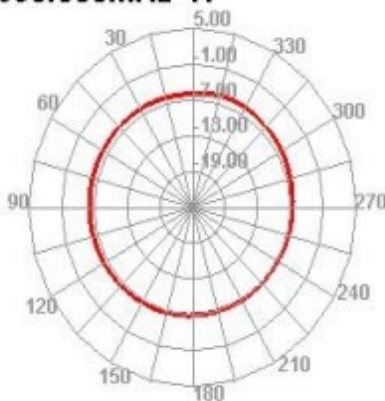


Radiation Patterns

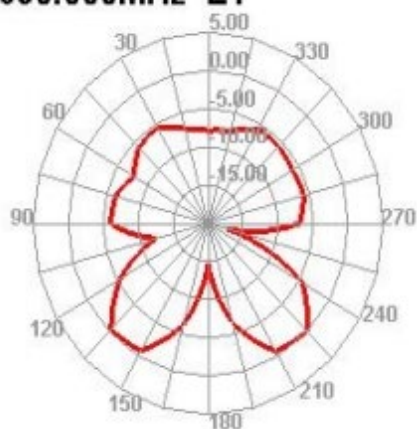
690.000MHz



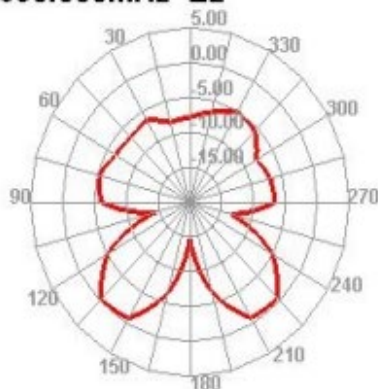
690.000MHz H



690.000MHz E1



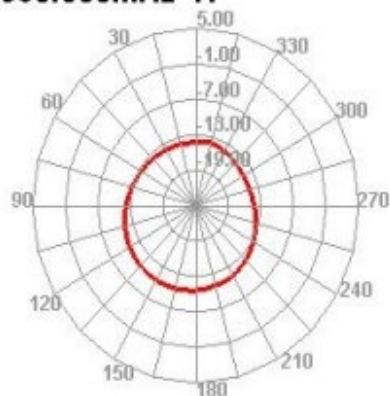
690.000MHz E2



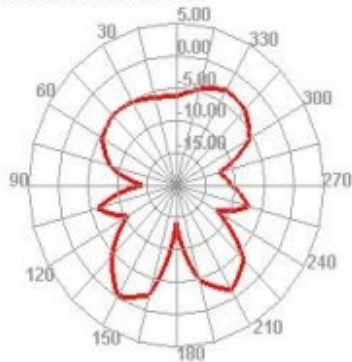
960.000MHz



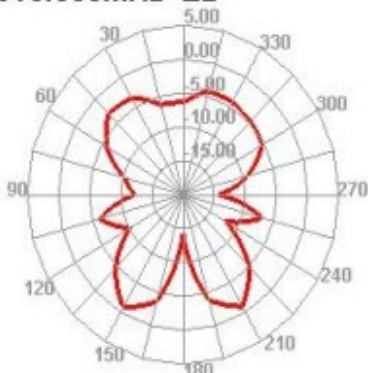
960.000MHz H



960.000MHz E1



960.000MHz E2

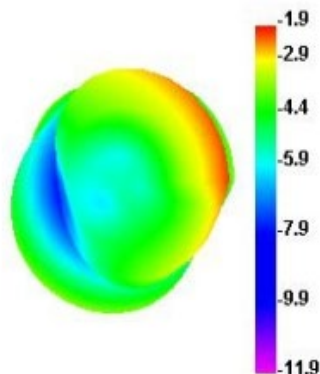


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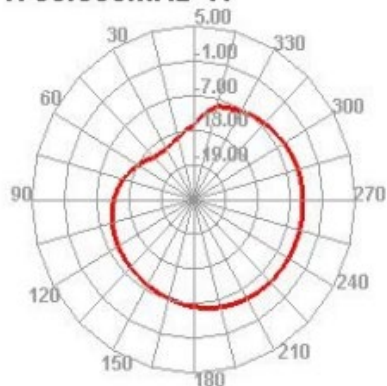
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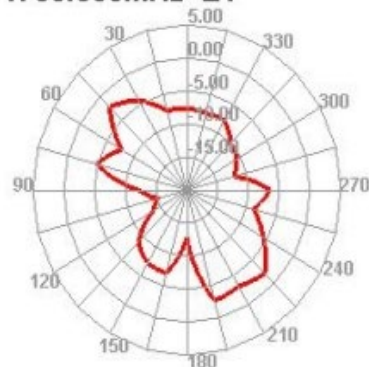
1700.000MHz



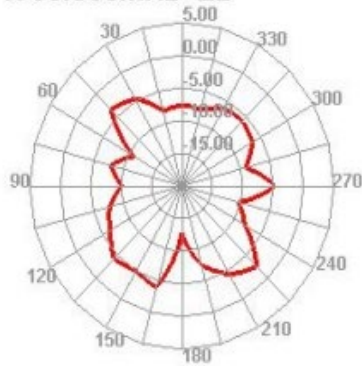
1700.000MHz H



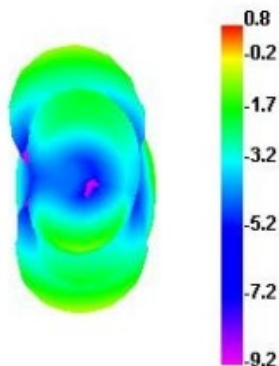
1700.000MHz E1



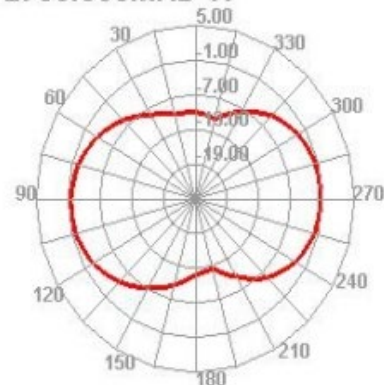
1700.000MHz E2



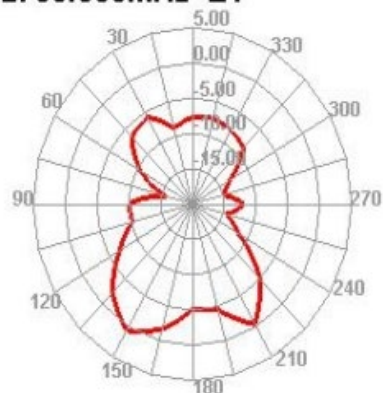
2700.000MHz



2700.000MHz H



2700.000MHz E1



2700.000MHz E2

