

**Features**

- Dual Band Frequency
- Customizable cable type and cable length
- Rigid PCB Type
- RoHS compliant

**Applications**

- Routers
- Gateways
- Meters



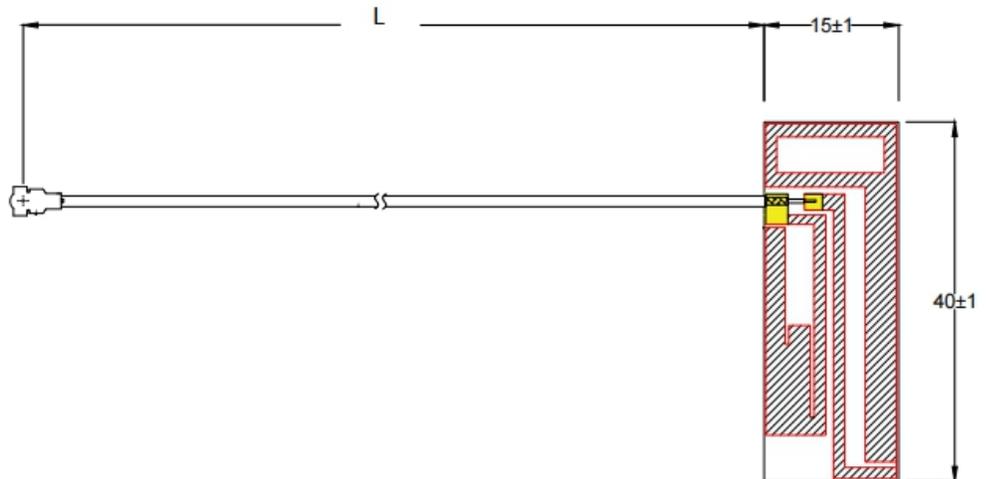
**RoHS Compliant**  
includes all homogeneous materials  
(see part numbering system for details)

**Specifications**

<b>Electrical</b>	
Frequency Range	698~960MHz 1710~2690MHz
Gain	2 dBi
V.S.W.R	<3.0
Polarization	Linear
Impedance	50Ω
<b>Dimensions (mm):</b>	
Body Length	40 ± 1.0
Width	15 ± 1.0
Cable Length	100
Cable Type	RF1.13
Connector Type	IPEX

NAN-P 829-2200 DB A X 100 A F

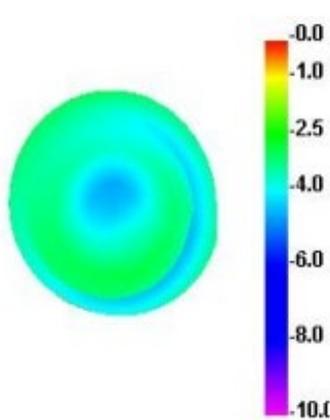
F = RoHS compliant  
 A = RF1.13 Cable  
 100 = Cable length in mm  
 X = IPEX Connector  
 A = Version Code (See Page 4)  
 DB = Dual Band Frequency  
 829-2200 = Center Frequencies  
 NAN-P = Series



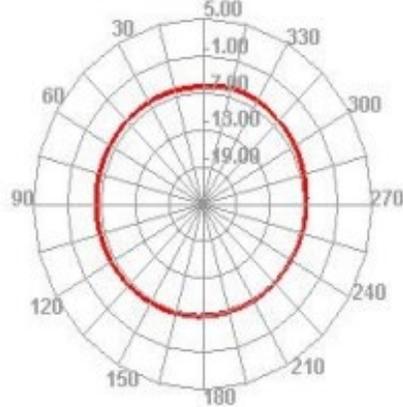
<b>Environmental</b>	
Operating Temperature	-20°C~+70°C
Vibration	10 ~ 55Hz 1.5mm Amplitude 2 Hours
RoHS Compliant	Yes

**Radiation Patterns**

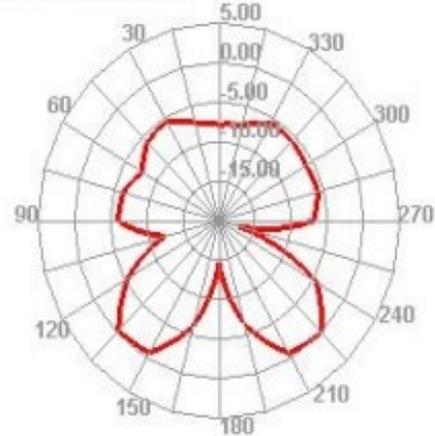
**690.000MHz**



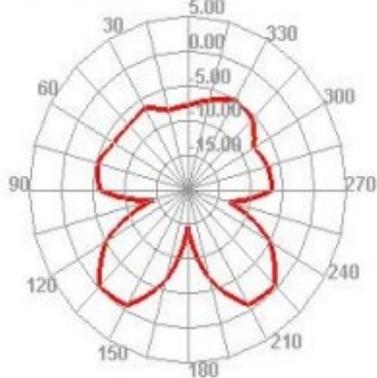
**690.000MHz H**



**690.000MHz E1**



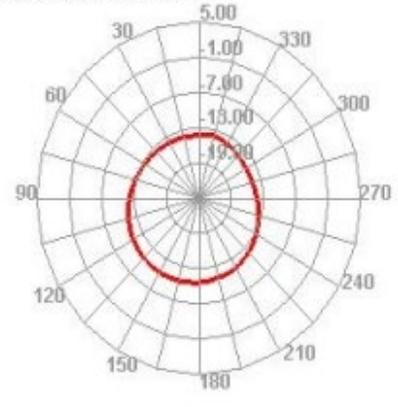
**690.000MHz E2**



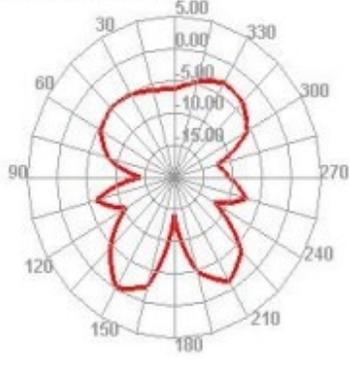
**960.000MHz**



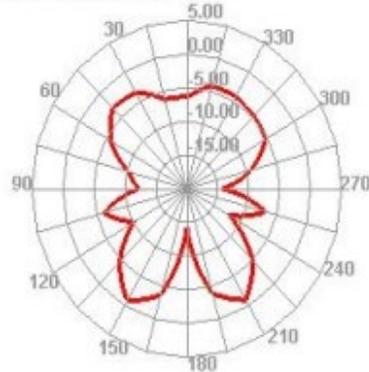
**960.000MHz H**



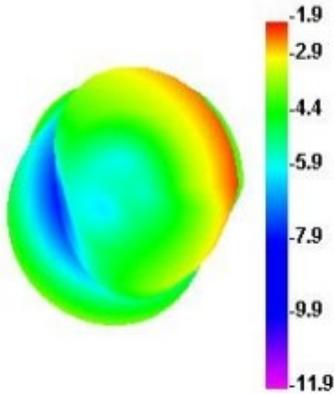
**960.000MHz E1**



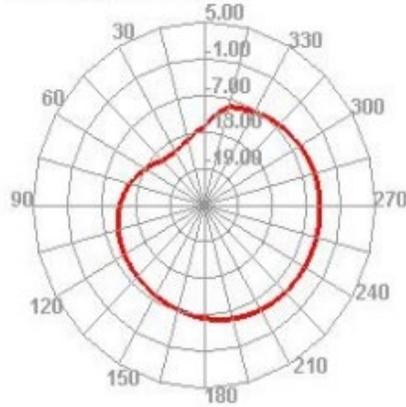
**960.000MHz E2**



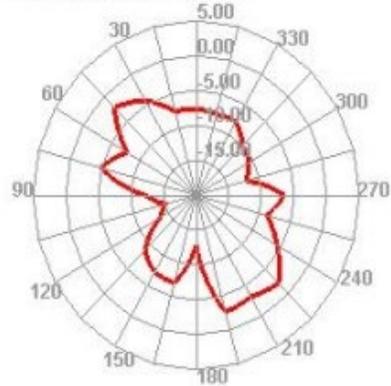
1700.000MHz



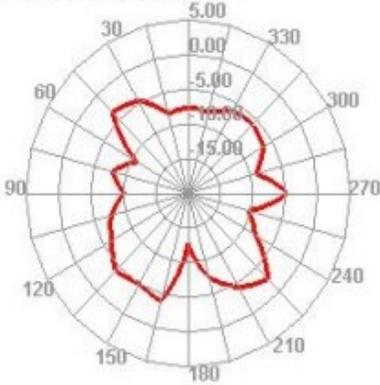
1700.000MHz H



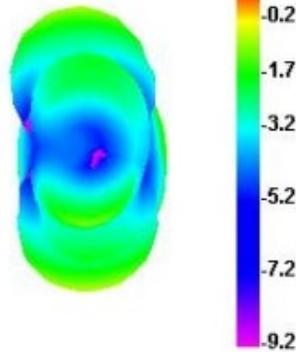
1700.000MHz E1



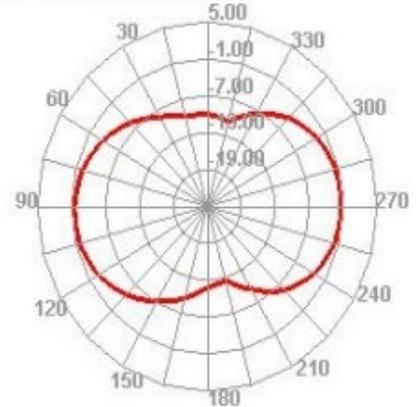
1700.000MHz E2



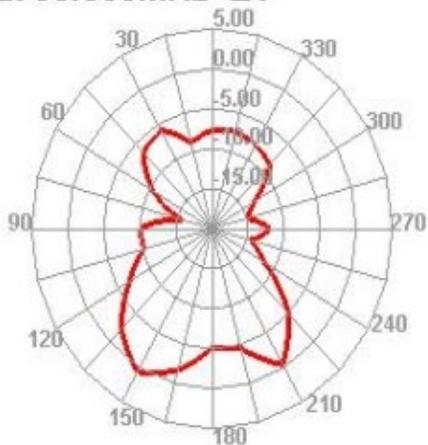
2700.000MHz



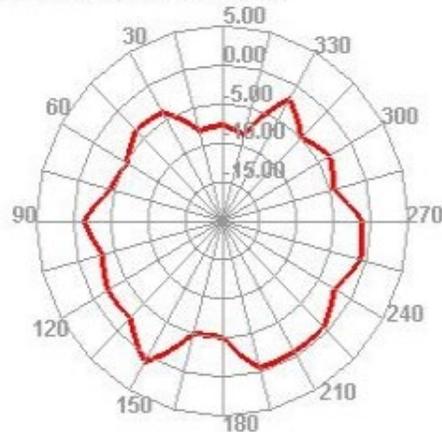
2700.000MHz H



2700.000MHz E1



2700.000MHz E2



**Version History and Status**

Version	Date Issued	Details	Status
<b>A</b>	June 28 <sup>th</sup> 2021	<b>Initial Release</b>	Supported

**Please reach out to NIC for any customization requests and other inquiries:**

- NIC Technical Support: [tpmg@niccomp.com](mailto:tpmg@niccomp.com)
- Compliance Support: [rohs@niccomp.com](mailto:rohs@niccomp.com)