

Description

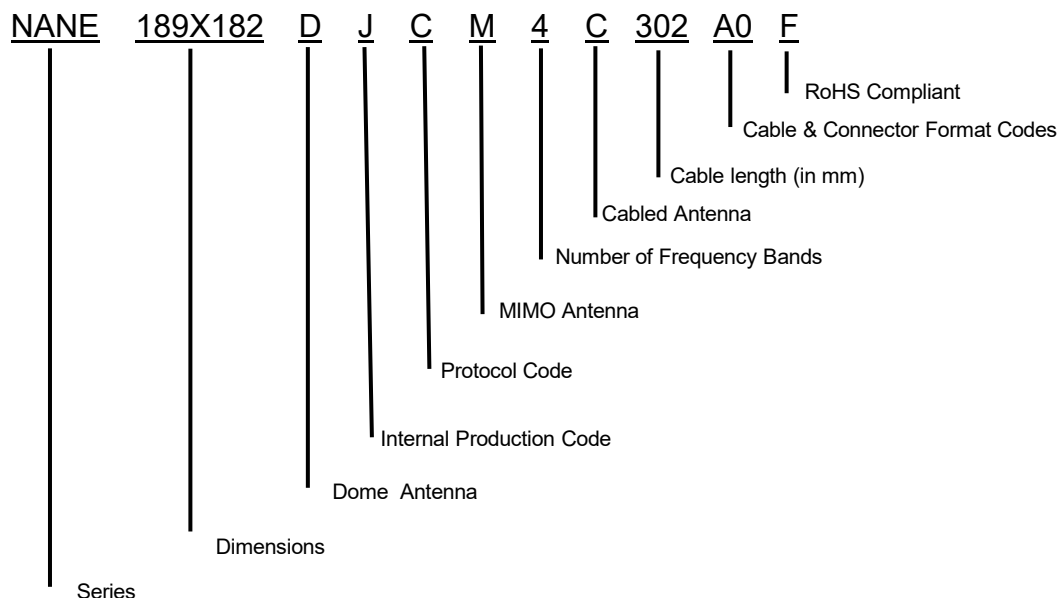
The NANE189X182DJCM4C302A0F is an External Antenna designed for Cellular applications. It operates within the frequency range of 698~960 MHz, 1710~2690 MHz, 2900~3800MHz, and 4400~5000 MHz making it perfect for use in Cellular Communication



Features

- LTE MIMO Protocol
- Waterproof(IP67)
- Customizable Connector Options and Cable Lengths
- RoHs Complaint

Part Number Breakdown



Part Number Options

Part Number	Protocol	Connector	Cable Type	Cable Length
NANE189X182DJCM4C302A0F	LTE MIMO	SMA MALE	LMR100	3000 mm

The table represents assembled part numbers available on www.niccomp.com. For options not listed above please contact NIC



Specifications

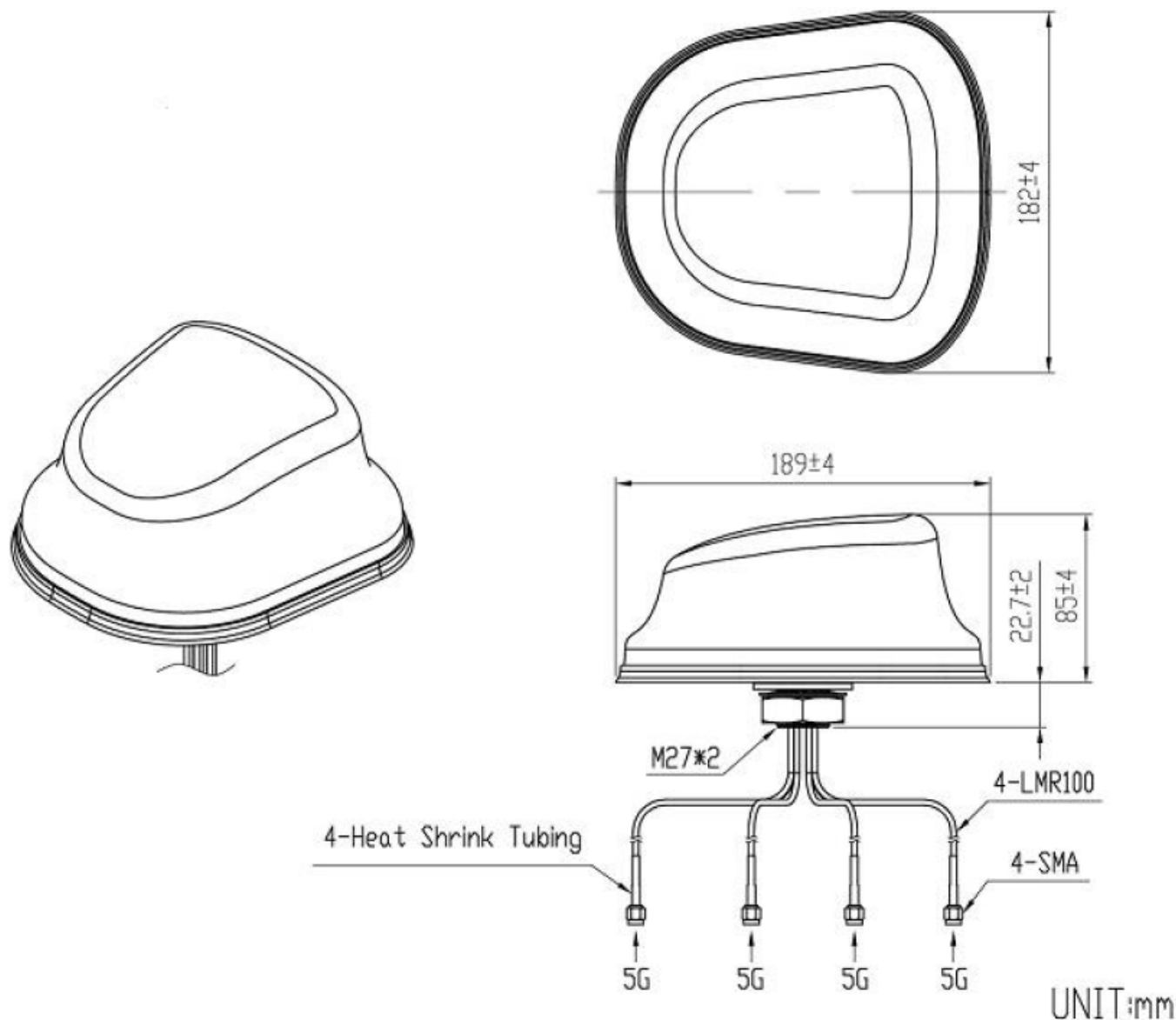
Electrical	
Frequency Range	698~960MHz 1710~2690MHz 2900~3800MHz 4400~5000MHz
Gain	4 dBi
V.S.W.R.	≤ 3.0
Polarization	Linear
Impedance	50 Ω
Environmental	
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 95%
Ingress Protection	IP67 (exclude cable outlet)
Vibration	10 to 55Hz with 1.5mm amplitude 2hours
Material	PC/ABS
Mounting method	Screw
ROHS Compliant	Yes

NANE189X182DJCM4C302A0F

LTE MIMO External Antenna



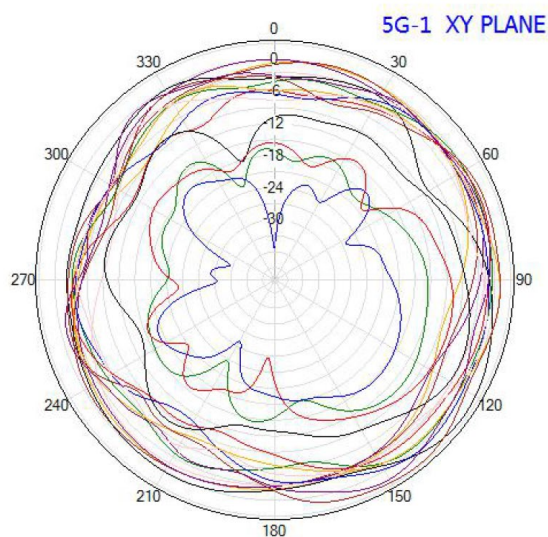
Dimensions



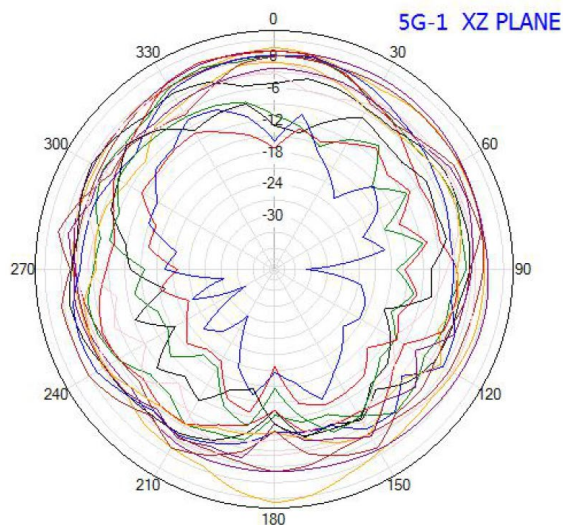
Radiation Patterns



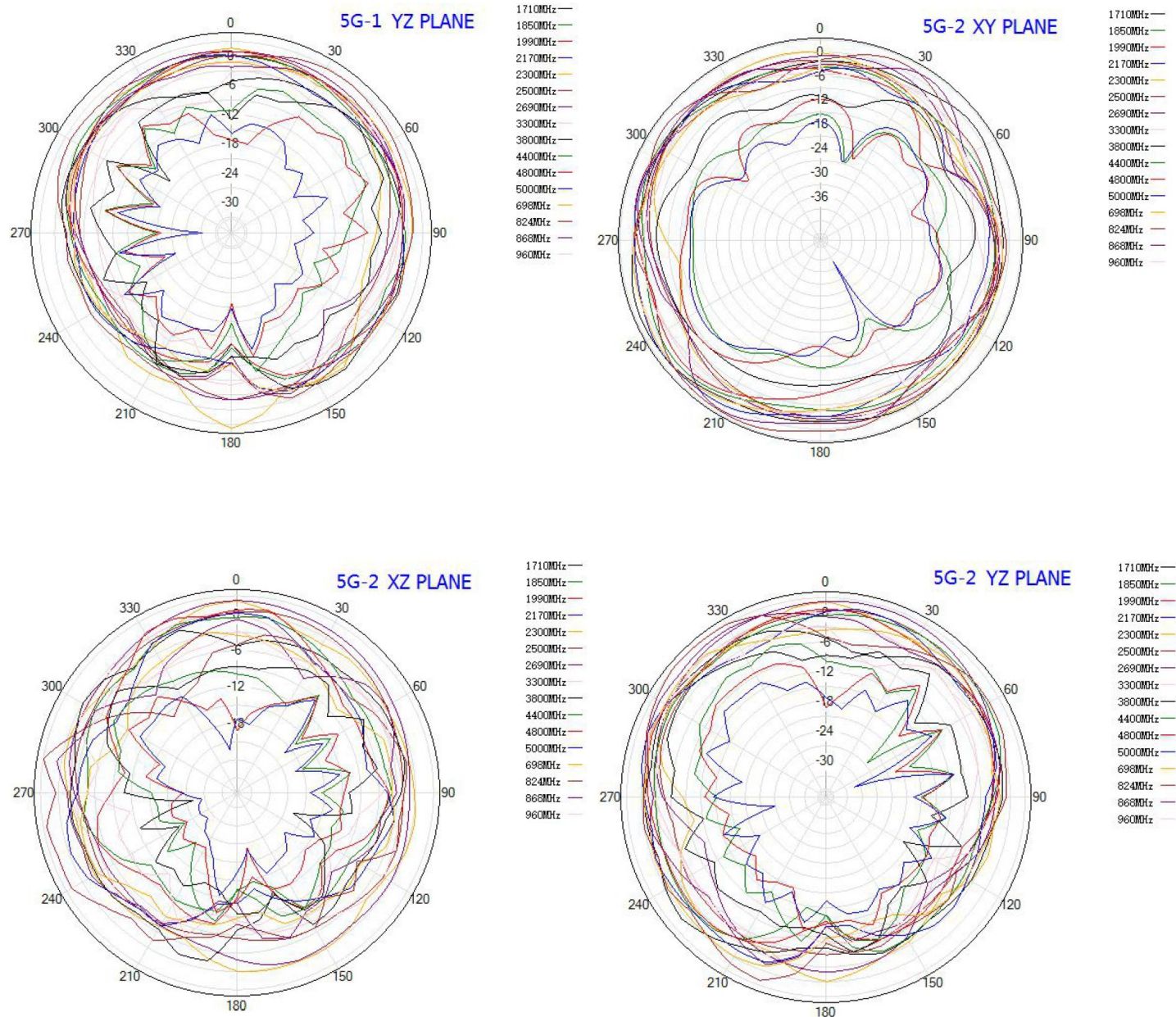
5G NR Antenna

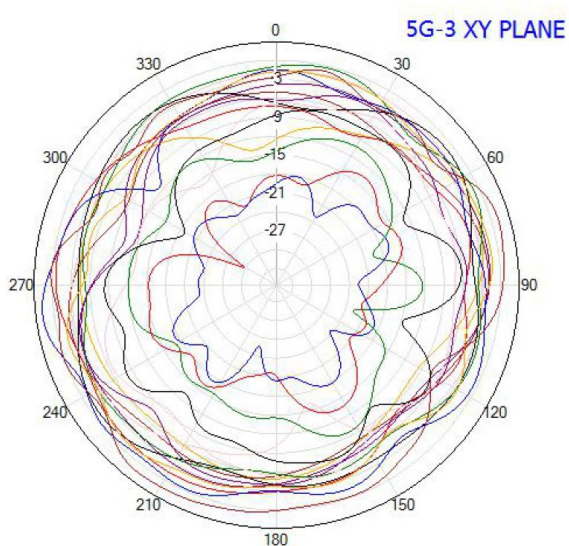


1710MHz
1850MHz
1990MHz
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2300MHz
2500MHz
2690MHz
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3800MHz
4400MHz
4800MHz
5000MHz
698MHz
824MHz
868MHz
960MHz

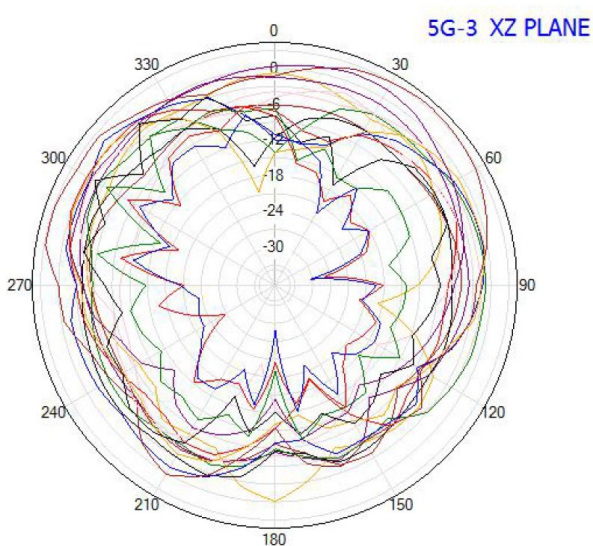


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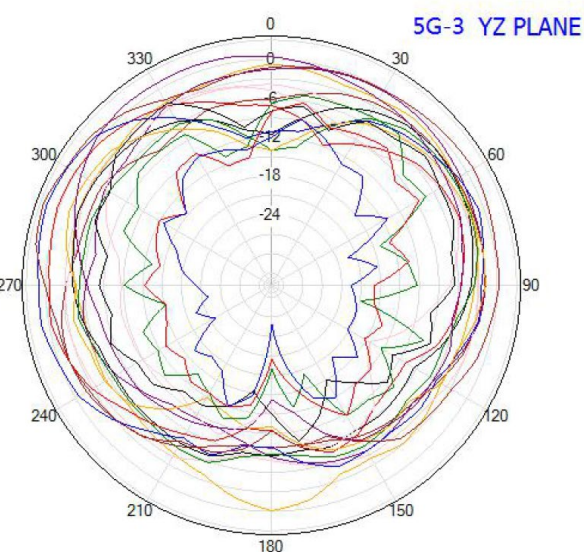




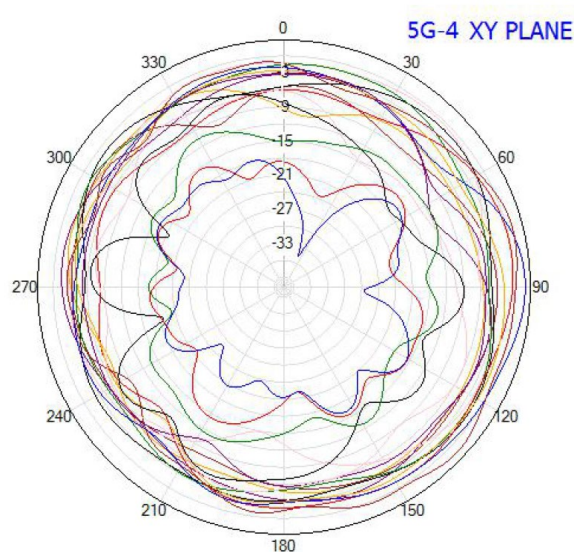
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