

NANE189X182DJC4C302A0F

5G NR External Antenna



Features

- 5G NR Bands
- IP67 Waterproof Antenna
- RoHs Complaint

Applications

- Cellular Communication

Specifications



Electrical

Frequency Range	698~960MHz 1710~2690MHz 2900~3800MHz 4400~5000MHz
Bandwidth	CF $\pm$ 5 MHz
Peak Gain	4 dBi typ.
VSWR	$\leq$ 3.0
Polarization	Linear
Impedance	50 Ω

Environmental

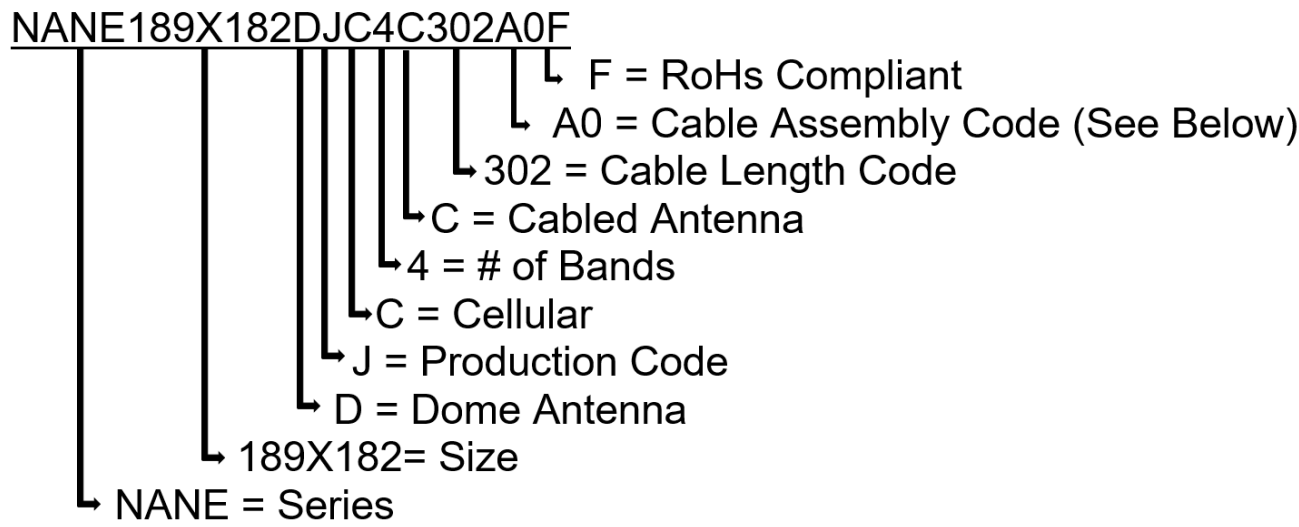
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 95%
Ingress Protection	IP67 (exclude cable outlet)
Vibration	10 to 55Hz with 1.5mm amplitude 2hours
ROHS Compliant	Yes

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Part Number Breakdown



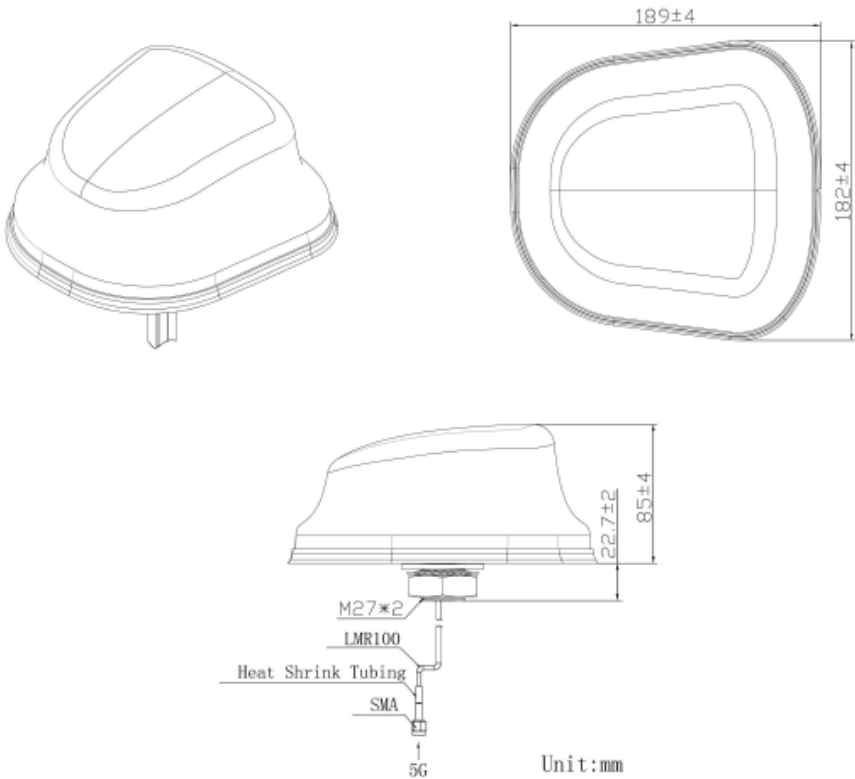
Assembly Ref	Protocol	Connector Type	Cable Type
A0	Cellular	SMA Male	LMR100

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Dimension Drawing



Dimensions (mm) & Mechanical

Diameter	189 ± 4
Width	182 ± 4.0
Height	85 ± 4.0
Cable Length	3000mm (3M)
Material	PC / ABS
Mounting Method	Screw

Radiation Patterns

