



# RFID Antenna

SmartNL-AT1 / SmartNL-AT2

## SmartNL Antenna Specification

### Specific Feature



### • Performance Characteristics

Model	SmartNL-AT1	SmartNL-AT2
Operation Frequency	902MHz ~ 928MHz	902MHz ~ 928MHz
Central Frequency	915MHz (L), 919MHz (C)	915MHz (L), 918.5MHz (C)
Polarization	Linear, RHCP	Linear, RHCP
Voltage standing wave ratio (VSWR)	1.3 : 1 max. Ratio	1.3 : 1 max. Ratio
Beam width	70 degree typical (L), 70 degree typical (c)	70 degree typical (L), 65 degree typical (c)
Typical Gain	8.0 dBiL (L) 5.3 dBiL (C)	8.0 dBiL (L) 6.0 dBiL (C)
Impedence	50 Ohms	50 Ohms

### • Physical Characteristics

Dimensions (L x W x T)	200mm x 200mm x 30mm(7.9" x 7.9" x 1.1")	260mm x 260mm x 40mm(10.2" x 10.2" x 1.2")
Weight - Main body	600g(1.3 lb)	800g(1.3 lb)
Weight - Bracket	400g(0.9 lb)	440g(0.9 lb)
Casing	Heat - resisting ABS	Heat - resisting ABS
Connector	N-type	N-type
Water proof	Yes	Yes
Operating Temperature	-20°C ~ 85°C	-20°C ~ 85°C
Humidity	95% non-condensing	95% non-condensing

### • Regulatory Approvals

IP 65 certified	IP 65 certified
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