



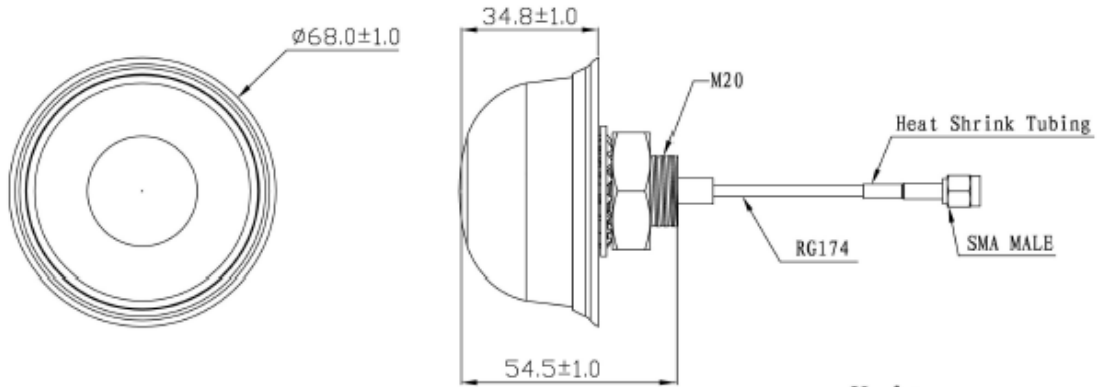
■ ELECTRICAL SPECIFICATIONS

Parameters		Value	Unit
Frequency Range		1575.420 ±3.0	MHz
Band Width		CF±5	MHz
Gain (Zenith)		2.0	dBic
VSWR, max		1.5	-
Impedance		50	Ω
Polarization		RHCP	-
Axial Ratio, max		3.0	dB
Connector		SMA Male	-
Cable	Type	RG174	-
Radome Material		ABS	-
Mounting Method		Screw	-
Operating Temperature Range		-40 ~ +85	°C
Relative Humidity, max		95	%
Ingress Protection	@ Exclude cable outlet	IP67	-
Vibration	@ 1.5 mm amplitude 2hours	10 ~ 55	Hz
ROHS Compliant		YES	-

LNA

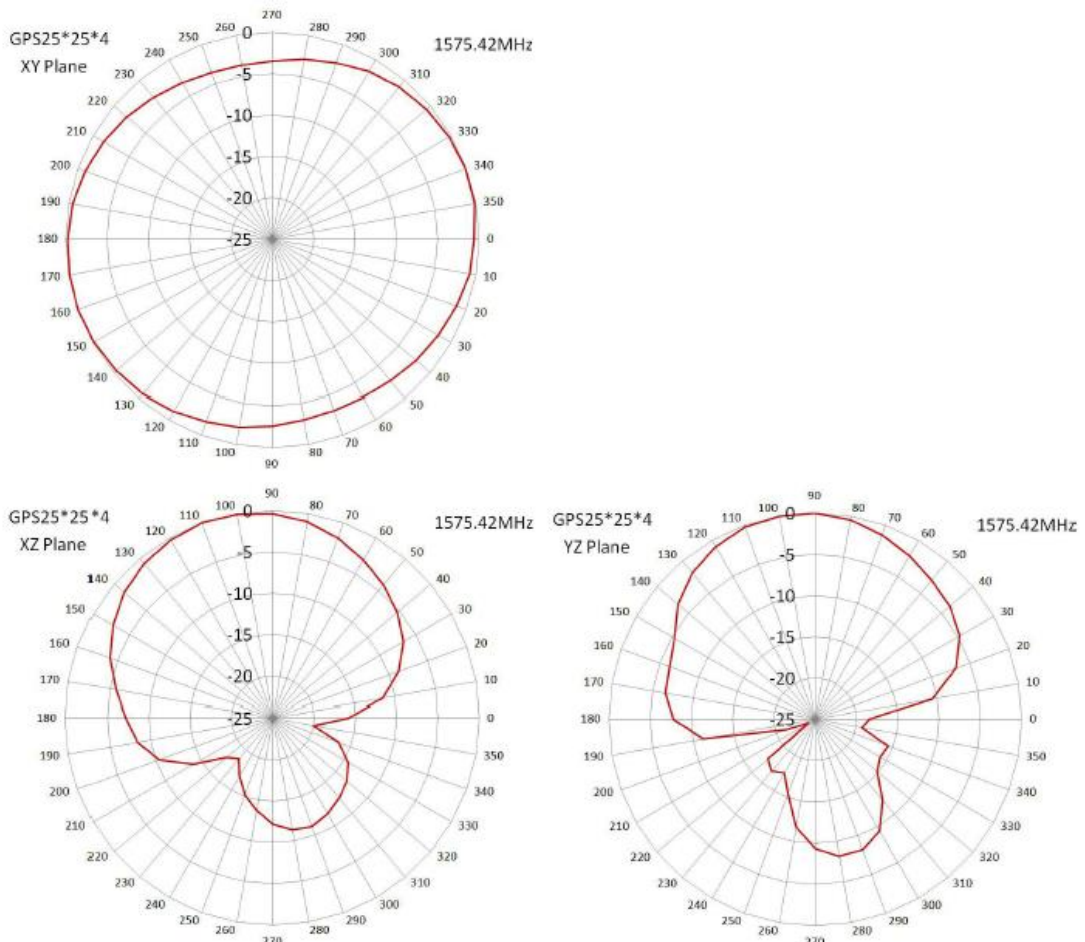
Parameters		Value	Unit
Gain, typ		28±2	dB
Noise Figure, max		1.5	dB
VSWR, max		2.0	-
Supply Voltage		2.2 ~ 5.0	VDC
Current Consumption, max		15	mA

■ DIMENSIONS



Unit: mm

■ RADIATION PATTERN



■ ENVIRONMENTAL

PARAMETER	VALUE
RoHS	Compliant
REACH SVHC	Compliant
HALOGEN-FREE	Compliant



■ APPROVAL

RALTRON	
DRAWN BY:	AR, October 11, 2024
APPROVED BY:	CP, October 11, 2024
REVISION:	A, Initial Release

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