



2.4-2.5 GHz, 7.25 dBi LINEAR VERTICAL POLARITY OMNI DIRECTIONAL ANTENNA

Electrical Characteristics	Model: RL-32-7.25-N-Male
Frequency Range	2.4 GHz to 2.5 GHz
Peak Gain	7.25 dBi
VSWR	1.5:1 (max)
Polarization	Linear Vertical
E-plane Beamwidth	21° (typical)
3 dB Azimuth Beamwidth	360°
Azimuth Ripple	0.75 dB
Power	6 W Max
Input Impedance	50Ω
Lightening Protection	DC Grounded
Regulatory Compliance	RoHS, CE 0682

Rapidus Wireless

118-19055 Airport Way, Pitt Meadows, BC. Canada V3Y 0G4

Phone: 855-864-9488 E-mail: sales@rapiduswireless.com

Web: www.rapiduswireless.com



Model: **RL-32-7.25-N-Male**

Mechanical	Model: RL-32-7.25-N-MALE
Dimensions with Connector (DxH)	028mm (max) x 337 mm (max)
Connector	N-type Female
Weight	0.15kg (max)
Mounting Kit	Mounted to radio's N-female output or via adapter or RF cable
Radome Material	UV Resistant Plastic
Baseplate Material	Aluminum with Chemical Conversion Coating
Outline Drawing	RD42117300C

TEST	STANDARD	DURATION	TEMPERATURE	NOTES
Low Temperature	IEC 68-2-1	72 Hours	-55°C	
High Temperature	IEC 68-2-2	72 Hours	+71°C	
Temp. Cycling	IEC 68-2-14	1 Hour	-45°C +70°C	3 Cycles
Vibration	IEC 60721-3-4	30 min/axis		Random4M5
Shock Mechanical	IEC 60721-3-4			4M5
Humidity	ETSI EN300-2-4 T4.1E	144 Hours		95%
Water Tightness	IEC 529			IP67
Solar Radiation	ASTAM G53	1000 Hours		
Flammability	UL 94			Class HB
Salt Spray	IEC 68-2-11 Ka	500 Hours		
Ice & Snow				25 mm Radial
Wind Speed Survival / Operation				220 Km/h / 160 Km/h

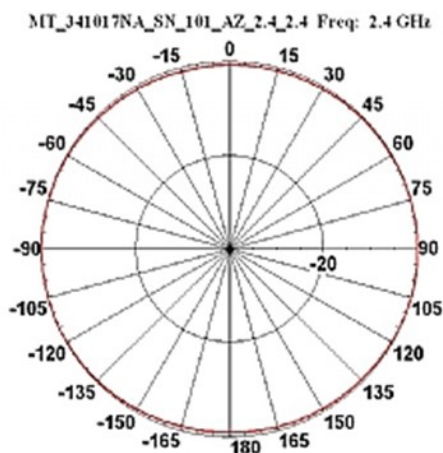
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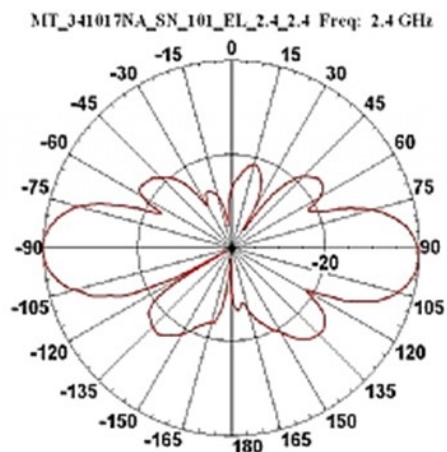
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AZIMUTH RADIATION PATTERN MIDBAND FREQ. 2.4 GHZ



ELEVATION RADIATION PATTERN MIDBAND FREQ. 2.4 GHZ



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