



NA 5x28 FP

**Directional Antenna, 5.2-5.8 GHz, 28 dBi,
Flat Panel, 600 x 600 mm**

Specifications

ELECTRICAL

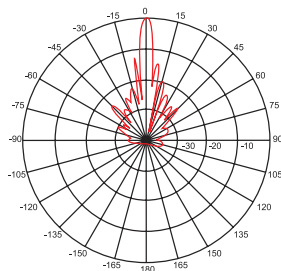
FREQUENCY RANGE	5.15-5.875 GHz
GAIN	28 dBi (min)
VSWR	1.7 : 1 (max)
3 dB BEAMWIDTH	4.5° (typ)
POLARIZATION	Linear (Vertical or Horizontal)
SIDELOBES LEVEL	ETSI EN 302 085 v1.1.2, (2001-02) TS1-T55
CROSS POLARIZATION	ETSI EN 302 085 v1.1.2, (2001-02) TS1-T55
F/B RATIO	-40dB (max)
INPUT IMPEDANCE	50 (ohm)
INPUT POWER	6W (max)
LIGHTNING PROTECTION	DC Grounded

MECHANICAL

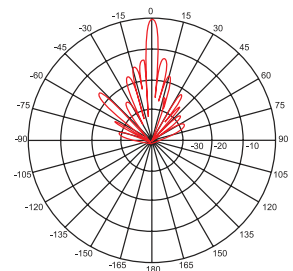
DIMENSIONS (LxWxD)	600x600X50 mm (max)
WEIGHT	5 kg (max)
CONNECTOR	N-Type Female
RADOME	Plastic
BASE PLATE	Aluminum with chemical conversion coating
MOUNTING KIT	NMK 519

ENVIRONMENTAL

TEST	STANDARD	DURATION	TEMPERATURE	NOTES
LOW TEMPERATURE	IEC 68-2-1	72 h	-45° C	-
HIGH TEMPERATURE	IEC 68-2-2	72 h	+70° C	-
TEMP. CYCLING	IEC 68-2-14	1 h	-45°C+70°C	3 Cycles
VIBRATION	IEC 60721-3-4	30 min/axis	-	Random 4M3
SHOCK MECHANICAL	IEC 60721-3-4	-	-	4M3
HUMIDITY	ETSI EN300-2-4 T4.1E	144 h	-	95%
WATER TIGHTNESS	IEC 529	-	-	IP67
SOLAR RADIATION	ASTM G53	1000 h	-	-
FLAMMABILITY	UL 94	-	-	Class HB
SALT SPRAY	IEC 68-2-11 Ka	500 h	-	-
ICE AND SNOW	-	-	-	25mm Radial
WIND SPEED	SURVIVAL	-	-	220 Km/h
	OPERATION	-	-	160 Km/h



Azimuth Radiation Pattern
Midband Freq. 5.35 GHz



Elevation Radiation Pattern
Midband Freq. 5.35 GHz



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