

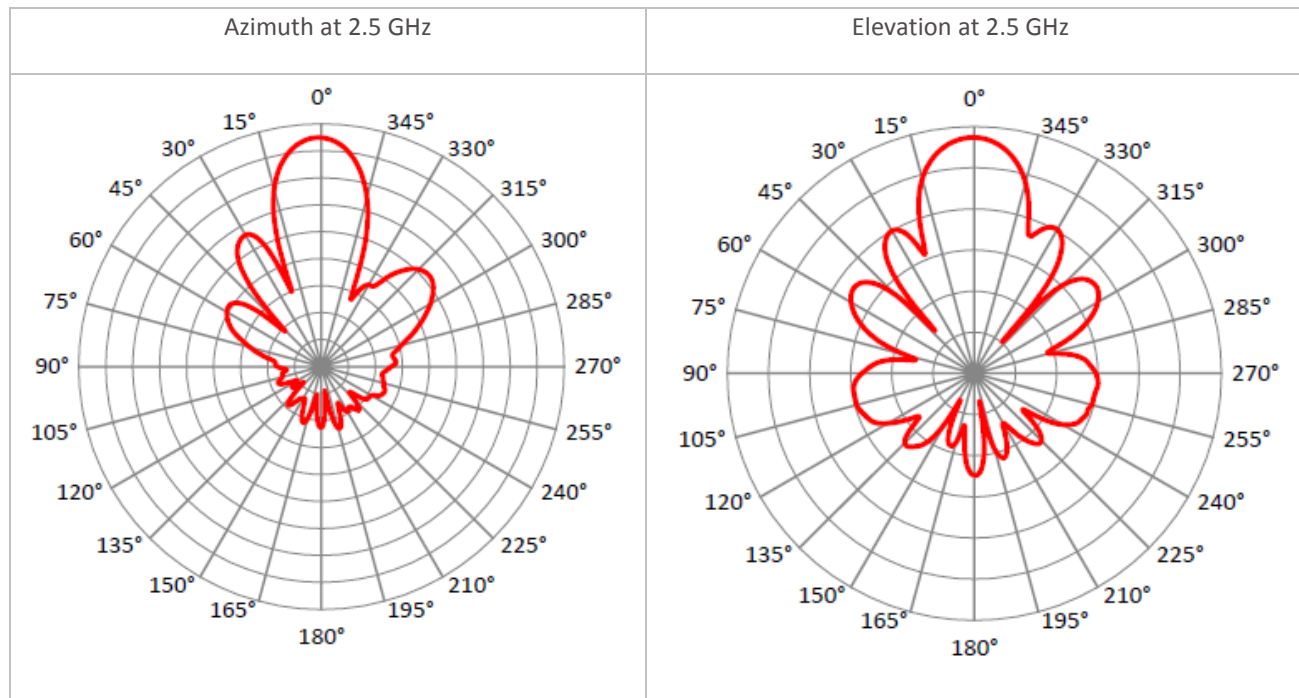
# NA 2x19 FP DP

## Netronics Antenna – 5x16-60 FP DP

NA 2x19 is a 2.300 – 2.700 GHz, 19 dBi, Dual Polarization Antenna, 1.2 ft Flat Panel, compatible with NetStream portfolio.



### Antenna Pattern



## Product Specifications

### Electrical

Frequency Range	2.3 – 2.7 GHz
Minimum Peak Gain	19 ± 1 dBi
VSWR	2.0 : 1 (max) 1.5 : 1 (typ)
3 dB Beam width	16° (typ)
AZ & EL Beam squint	Port V & Port H ± 2°
Polarization	Dual Linear (Vertical and Horizontal)
Side Lobes Level	ETSI EN 302 326-3 V1.1.2. DN4
Cross Polarization	ETSI EN 302 326-3 V1.1.2. DN4
F/B Ratio	ETSI EN 302 326-3 V1.1.2. DN4 30 dB (max)
Port To Port Isolation	30 dB (min)
Input Impedance	50 Ω
Input Power	6 W (max)
Lightning Protection	DC Grounded

### Mechanical

Dimensions	371 x 371 x 40mm (max)
Weight	2.5 kg (max)
Connectors	2 x N-type female
Base Plate	Aluminum with chemical conversion coating
Radome	Plastic
Mounting Kit	Supplied

### Environmental

Temperatures	-45°C to +70°C (IEC 68-2-1, IEC 68-2-2, IEC 68-2-14)
Humidity	Up to 95% (ETSI EN300-2-4, T4.1E)
Water Tightness	IEC 529, IP64
Flammability	UL 94, class HB
Solar Radiation	ASTM G53
Salt Spray	IEC 68-2-11
Ice and Snow	Up to 25 mm
Wind Speed	Survival 220 km/h Operation 160 km/h
Wind Speed	Front Thrust 39.6 kg Side Thrust 4.3 kg



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