

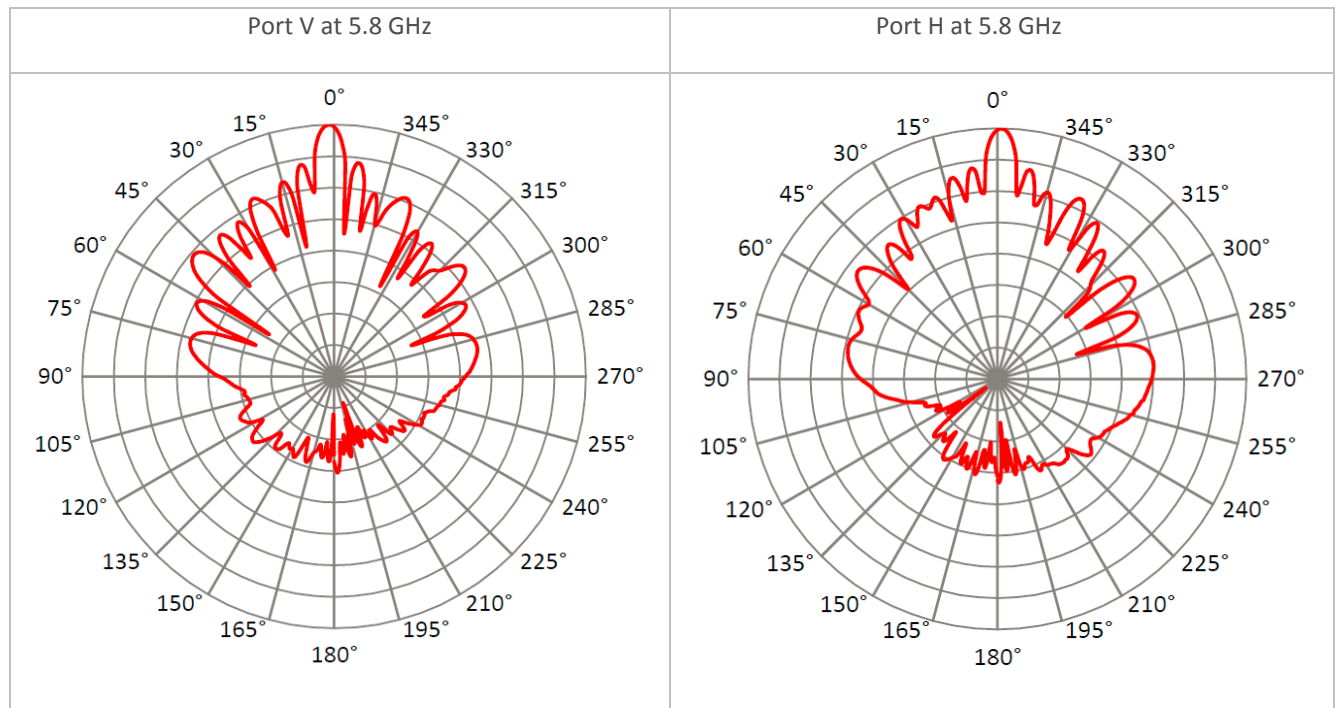
# NA 5x28 FP DP WB

## Netronics Antenna – 5x28 FP DP WB

NA 5x28 is a 4.90 – 6.425 GHz, 28 dBi, Dual Polarization Flat Panel Antenna, compatible with NetStream portfolio.



### Antenna Pattern



## Product Specifications

### Electrical

Frequency Range		4.9 – 6.425 GHz
Gain	Port V Port H	28.0 dBi ± 1.0 dB 27.0 dBi ± 1.0 dB
VSWR		2.0 : 1 (max) 1.5 : 1 (typ)
3 dB Beam width		5° (typ)
Polarization		Dual Linear (Vertical and Horizontal)
Side Lobes Level		ETSI EN 302 326-3 V1.1.2. DN3
Cross Polarization		ETSI EN 302 326-3 V1.1.2. DN3
F/B Ratio		-40 dB (max)
Port To Port Isolation		-25 dB (max) , -30 dB (typ)
Input Impedance		50 Ω
Input Power		6 W (max)
Lightning Protection		DC Grounded

### Mechanical

Dimensions		600 x 600 x 51 mm (max)
Weight		5 kg (max)
Connectors		2 x N-type female
Base Plate		Aluminum with chemical conversion coating
RF Cable		2 coax cables with N-type connectors, 1.2 m, supplied
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, IP67
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 (Survival)		Front Thrust 103.6 kg Side Thrust 8.9 kg

