

Modular, Versatile N5-X Antennas






Built for use with the Mimosa C5x, N5-X antennas provide the ultimate flexibility for PTP and PTMP deployments.

4.9–6.4 GHz



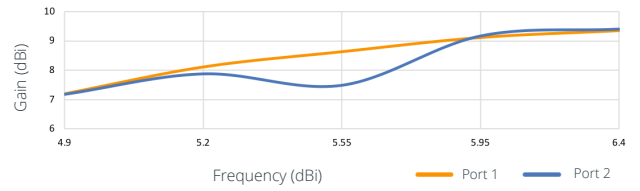
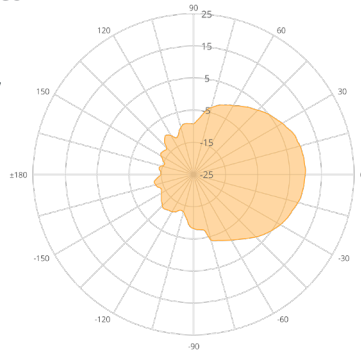
With four gain options (12, 16, 20 and 25 dBi), the Mimosa N5-X antennas make the Mimosa C5x the industry's most flexible radio solution. The ultra-rugged equipment provides extended frequency operation from 4.9–6.4 GHz, with best-in-class noise immunity. Delivering the ultimate in flexibility and value, the C5x with the N5-X antennas is the go-to solution for 5 GHz PTP/PTMP deployments.

N5-X Modular Antenna Options for the C5x

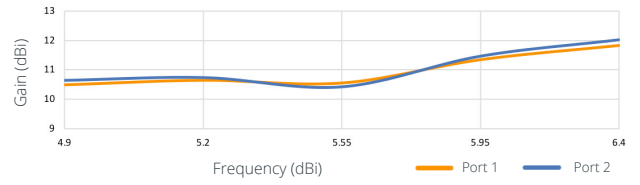
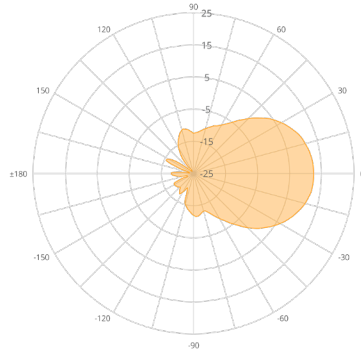
					
Product	C5x (no antenna)	N5-X12 (horn)	N5-X16 (horn)	N5-X20 (dish)	N5-X25 (dish)
Gain	8 dBi	12 dBi	16 dBi	20 dBi	25 dBi
Polarization	Dual-slant 45°	Dual-slant 45°	Dual-slant 45°	Dual-slant 45°	Dual-slant 45°
Beamwidth, Symmetric (3 dB)	58°	38°	22°	12°	8°
Front-to-Back Ratio (min)	21 dB	29 dB	50 dB	35 dB	40 dB
Front-to-Side Ratio (min)	21 dB	27 dB	43 dB	37 dB	> 45 dB
Weight	0.37 kg (0.82 lbs)	0.16 kg (0.35 lbs)	0.61 kg (1.35 lbs)	0.77 kg (1.70 lbs)	0.98 kg (2.15 lbs)
Dimensions	Width: 70 mm (2.76") Length: 175 mm (6.89") Depth: 61 mm (2.40")	Diameter: 76 mm (2.99") Depth: 67 mm (2.63")	Diameter: 160 mm (6.29") Depth: 116 mm (4.57")	Diameter: 270 mm (10.63") Depth: 83 mm (3.27")	Diameter: 429 mm (16.89") Depth: 116 mm (4.57")
Mount	Dual-pole clamps	Mimosa N5-X twist-on	Mimosa N5-X twist-on	Mimosa N5-X twist-on	Mimosa N5-X twist-on
Wind Survivability	200 km/h (125 mph)	200 km/h (125 mph)	200 km/h (125 mph)	200 km/h (125 mph)	200 km/h (125 mph)
Wind Loading	2.79 kg @ 160 km/h (6.14 lbs @ 100 mph)	3.27 kg @ 160 km/h (7.20 lbs @ 100 mph)	5.13 kg @ 160 km/h (11.30 lbs @ 100 mph)	14.55 @ 160 km/h (32.07 lbs @ 100 mph)	36.26 kg @ 160 km/h (79.95 lbs @ 100 mph)

Polar Plots and Gain Across Frequency

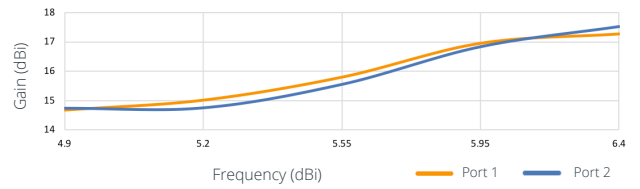
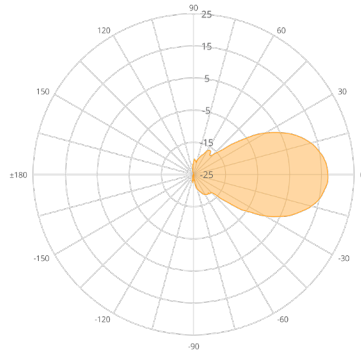
Native, Built-In (8 dBi)



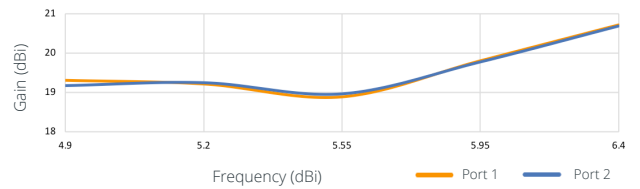
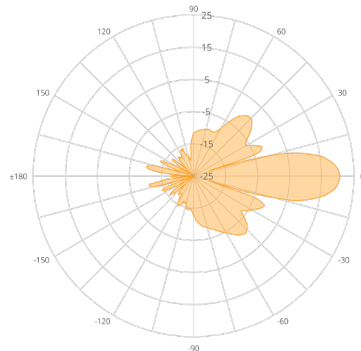
N5-X12 (12 dBi)



N5-X16 (16 dBi)



N5-X20 (20 dBi)



N5-X25 (25 dBi)

