

# iBridge N5-X16 Modular Antenna

## Twist-on Antenna to Extend the C5x Antenna Gain to 16 dBi

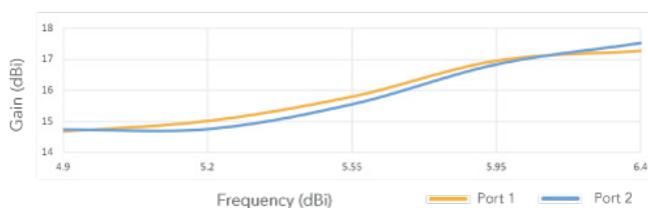
The N5-X16 antenna, paired with a C5x, is an ultra-rugged solution that provides extended frequency operation from 4.9–6.4 GHz, with best-in-class noise immunity. Delivering the ultimate in flexibility and value, the N5-X16 is the go-to solution for 5 GHz point-to-point, or point-to-multipoint deployments.

### Antenna Specifications

- Gain: 16 dBi
- Polarization: Dual-slant 45°
- Beamwidth, Symmetric (3 dB): 22°
- Front-to-Back Ratio (min): 50 dB
- Front-to-Side Ratio (min): 43 dB
- Weight: 0.61 kg (1.35 lbs)
- Dimensions: Diameter: 160 mm (6.29")  
Depth: 116 mm (4.57")
- Mount: iBridge N5-X, twist on
- Wind Survivability: 200 km/h (125 mph)
- Wind Loading: 5.13 kg @ 160 km/h  
(11.30 lbs @ 100 mph)

### Environmental

- Outdoor Ingress Protection Rating: IP55
- Operating Temperature: -40°C to +55°C  
(-40°F to 131°F)
- Operating Humidity: 5 to 100% condensing
- Operating Altitude: 4,420 m (14,500') max
- Shock & Vibration: ETS 300-019-2-4 class 4M5



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