

## IXA-230090-6BF-N-X

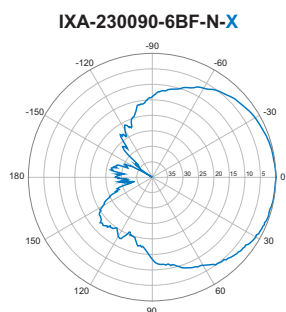
X-Pol | Panel | 90° | 15.5 dBi

Replace "X" with desired electrical downtilt.

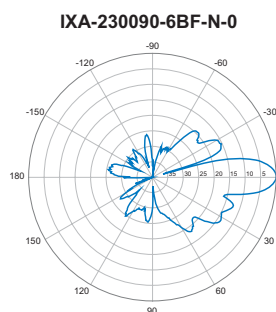
Antenna is available with N connector(s). Other connectors available upon request. Replace in model number when ordering.



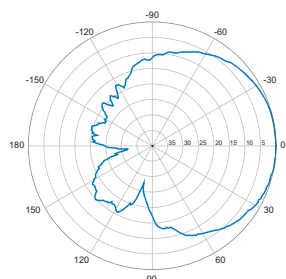
Electrical Characteristics		
Frequency bands	2300-2500 MHz	2500-2700 MHz
Polarization	±45°	±45°
Horizontal beamwidth	90° ± 5°	85° ± 5°
Vertical beamwidth	12° ± 1°	11.5° ± 1°
Gain	13.1 dBd (15.2 dBi)	13.4 dBd (15.5 dBi)
Electrical downtilt (X)	0	
Impedance	50Ω	
VSWR	< 1.4:1	
Upper sidelobe suppression	≥ 15 dB	
Front-to-back ratio	> 22 dB	
Return loss	> 15.5 dB	
Isolation between ports	≥ 30 dB	
Cross polar ratio	≥ 15 dB	
Input power	250 W	
Connector(s)	2 Ports / N Female (other connectors available upon request) / Bottom	
Mechanical Characteristics		
Dimensions Length x Width x Depth	656 x 110 x 85 mm	25.8 x 4.3 x 3.3 in
Depth with band clamp brackets	99 mm	3.9 in
Weight without mounting brackets	1.1 kg	2.3 lbs
Survival wind speed	> 201 km/hr	> 125 mph
Wind area	Fore/Aft: 0.07 m <sup>2</sup> Side: 0.06 m <sup>2</sup>	Fore/Aft: 0.77 ft <sup>2</sup> Side: 0.59 ft <sup>2</sup>
Wind load @ 161 km/hr (100 mph)	Fore/Aft: 94 N Side: 95 N	Fore/Aft: 21 lbf Side: 21 lbf
Radome	PVC and Styrosun	
Mounting Options		
	Part Number	Fits Pipe Diameter
Mounting band clamp kit	26904095	50-102 mm 2.0-4.0 in
Mounting band clamp kit	26904096	102-152 mm 4.0-6.0 in



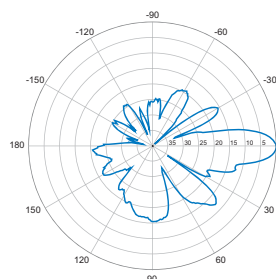
Horizontal | 2400 MHz



0° | Vertical | 2400 MHz



Horizontal | 2600 MHz



0° | Vertical | 2600 MHz

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.