

BXA-70090-8CF-EDIN-X

Single Band | Panel Antenna | X-Pol | 90° | 16.1 dBi | Fixed Tilt

- Single band, panel antenna with fixed electrical tilt

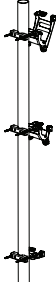
Ordering Options			
When ordering, replace the “X” in the model number with the electrical downtilt. Select from the options listed in the Electrical Downtilt section below.			
Electrical Characteristics		696-900 MHz	
Frequency Bands		696-806 MHz	806-900 MHz
Polarization		±45°	
Horizontal Beamwidth		92°	90°
Vertical Beamwidth		9°	7°
Gain		15.6 dBi	16.1 dBi
Electrical Downtilt		(X) 0, 2, 5	
Impedance		50Ω	
IM3 (2x20W carrier)		-150 dBc	
Upper Sidelobe Suppression (0°)		-14.1 dB	-18.6 dB
Front-to-Back Ratio (±30°)		-33.5 dB	-37.0 dB
VSWR		1.35:1	
Null Fill		5% (-26.02 dB)	
Isolation Between Ports		20 dB	
Input Power		500 W	
Total Number of Connectors		Antenna has 2 connectors located on the center (back) of the antenna	
Connectors Per Band	696-900 MHz	2 Connectors, Elongated 7/16-DIN Female (EDIN)	
Lightning Protection		Direct Ground	
Mechanical Characteristics			
Dimensions (Length x Width x Depth)		2404 x 204 x 151 mm	94.6 x 8.0 x 5.9 in
Depth with z-brackets		191 mm	7.5 in
Weight without Mounting Brackets		10.4 kg	23 lbs
Wind Area	Front	0.49 m²	5.3 ft²
	Side	0.36 m²	3.9 ft²
Survival Wind Speed		> 201 km/hr	> 125 mph
Wind Load (161 km/hr or 100 mph)	Front	705 N	158 lbf
	Side	600 N	135 lbf

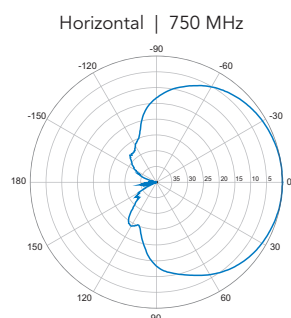
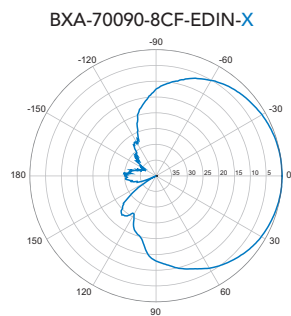


Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage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

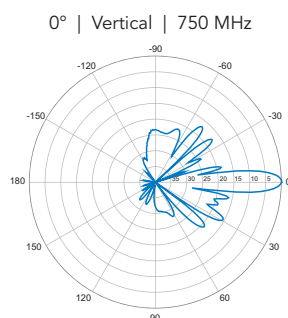
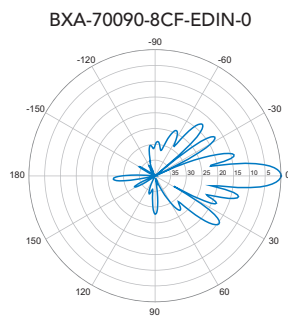
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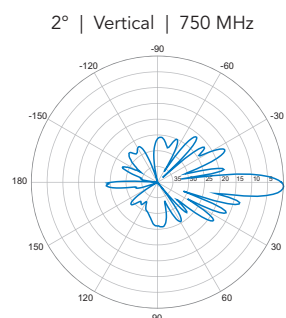
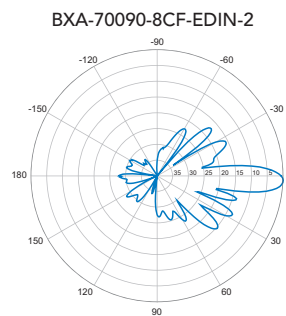
Mounting Options	Part Number	Image	Fits Pipe Diameter	Weight
All mounting bracket kits are ordered separately unless otherwise indicated. Select from the options listed below.				
3-Point Mounting and Downtilt Bracket Kit	36210008		40-115 mm 1.57-4.5 in	6.9 kg 15.2 lbs



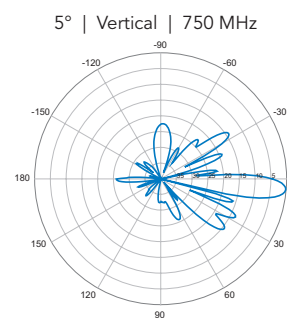
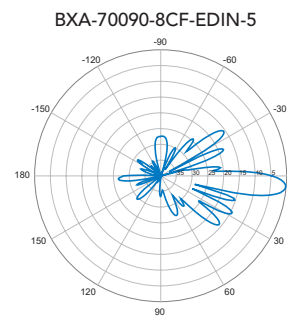
Horizontal | 850 MHz



0° | Vertical | 850 MHz



2° | Vertical | 850 MHz



5° | Vertical | 850 MHz

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