

BXA-70040-8CF-EDIN-X

Single Band | Panel Antenna | X-Pol | 40° | 20.1 dBi | Fixed Tilt

- Single band, panel antenna with fixed electrical tilt

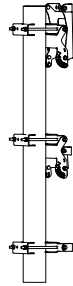


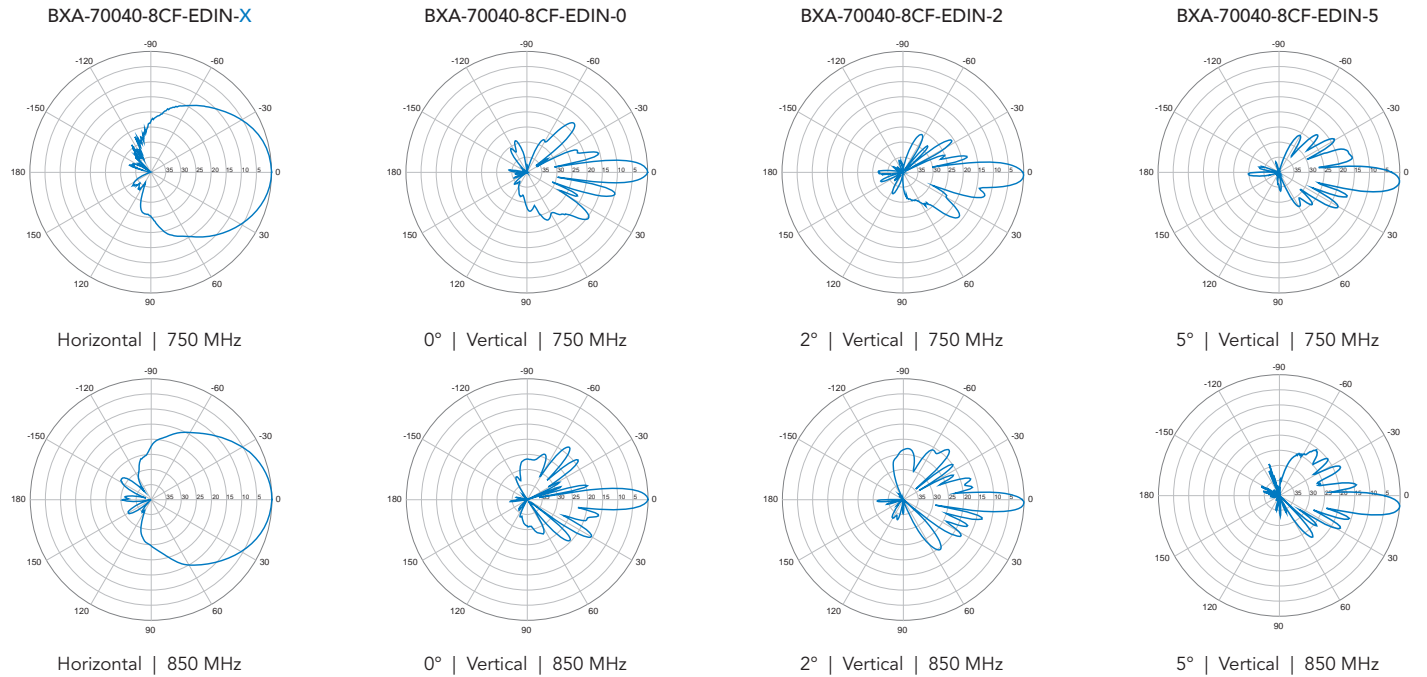
Ordering Options	
When ordering, replace the "X" in the model number with the electrical downtilt. Select from the options listed in the Electrical Downtilt section below.	
Electrical Characteristics	696-900 MHz
Frequency Bands	696-806 MHz 806-900 MHz
Polarization	±45°
Horizontal Beamwidth	42° 40°
Vertical Beamwidth	9° 7°
Gain	19.6 dBi 20.1 dBi
Electrical Downtilt	(X) 0, 2, 5
Impedance	50Ω
IM3 (2x20W carrier)	< -150 dBc
Upper Sidelobe Suppression (0°)	-15.4 dB -19.5 dB
Front-to-Back Ratio (±30°)	-37.7 dB -34.0 dB
VSWR	≤ 1.5:1
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 606 x 200 mm 94.6 x 23.9 x 7.9 in
Depth with z-brackets	240 mm 9.4 in
Weight without Mounting Brackets	23 kg 50 lbs
Wind Area	Front 1.46 m ² 15.7 ft ²
	Side 0.48 m ² 5.2 ft ²
Survival Wind Speed	> 201 km/hr > 125 mph
Wind Load (161 km/hr or 100 mph)	Front 2093 N 471 lbf
	Side 794 N 179 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



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