

BXA-70080-8CF-EDIN-X

X-Pol | FET Panel | 80° | 15.0 dBd

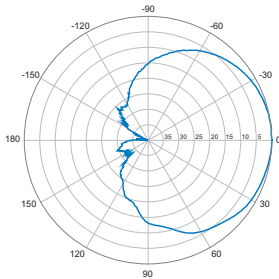
Replace "X" with desired electrical downtilt.

Antenna is also available with NE connector(s). Replace "EDIN" with "NE" in the model number when ordering.

Electrical Characteristics	696-900 MHz		
Frequency bands	696-806 MHz	806-900 MHz	
Polarization	±45°		
Horizontal beamwidth	82°	80°	
Vertical beamwidth	9°	7°	
Gain	14.5 dBd (16.6 dBi)	15.0 dBd (17.1 dBi)	
Electrical downtilt (X)	0, 2, 4, 6, 7		
Impedance	50Ω		
VSWR	≤1.35:1		
Upper sidelobe suppression (0°)	-14.4 dB	-18.3 dB	
Front-to-back ratio (+/-30°)	-34.6 dB	-34.8 dB	
Null fill	5% (-26.02 dB)		
Isolation between ports	< -30 dB		
Input power	500 W		
Lightning protection	Direct Ground		
Connector(s)	2 Ports / EDIN or NE / Female / Center (Back)		
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	
Survival wind speed	> 201 km/hr	> 125 mph	
Wind area	Front: 0.49 m ² Side: 0.36 m ²	Front: 5.3 ft ² Side: 3.9 ft ²	
Wind load @ 161 km/hr (100 mph)	Front: 813 N Side: 620 N	Front: 167 lbf Side: 138 lbf	
Mounting Options	Part Number	Fits Pipe Diameter	Weight
3-Point Mounting Bracket Kit	36210003	50-160 mm 2.0-6.3 in	6.3 kg 14 lbs
3-Point Downtilt Bracket Kit (0-14°)	36210004	50-160 mm 2.0-6.3 in	7.3 kg 16 lbs
Downtilt Mounting Applications	A mounting bracket and downtilt bracket kit must be ordered for downtilt applications		
Concealment Configurations	For concealment configurations, order BXA-70080-8BF-EDIN-X-FP		

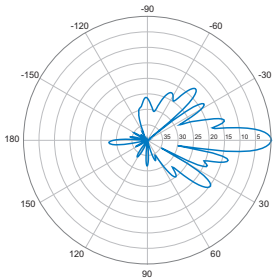


BXA-70080-8CF-EDIN-X



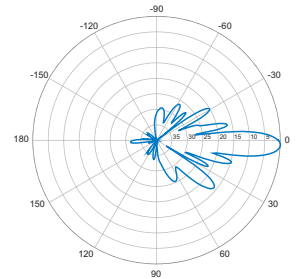
Horizontal | 750 MHz

BXA-70080-8CF-EDIN-0

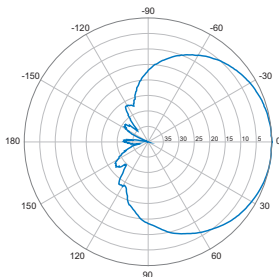


0° | Vertical | 750 MHz

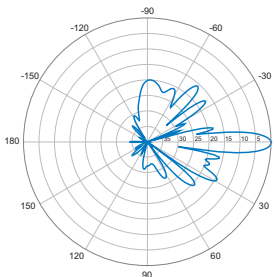
BXA-70080-8CF-EDIN-2



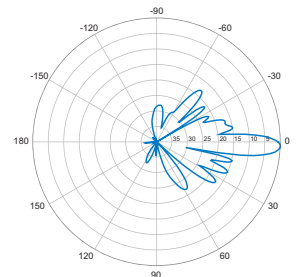
2° | Vertical | 750 MHz



Horizontal | 850 MHz



0° | Vertical | 850 MHz



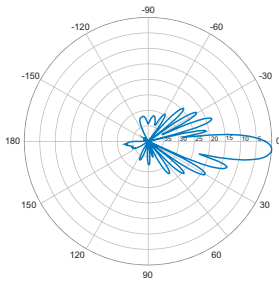
2° | Vertical | 850 MHz

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.

BXA-70080-8CF-EDIN-X

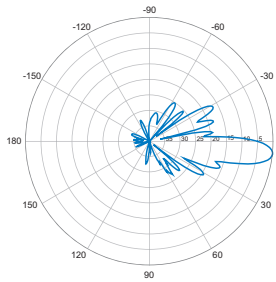
X-Pol | FET Panel | 80° | 15.0 dBd

BXA-70080-8CF-EDIN-4



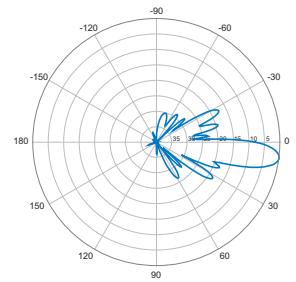
4° | Vertical | 750 MHz

BXA-70080-8CF-EDIN-6

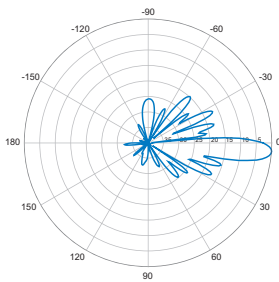


6° | Vertical | 750 MHz

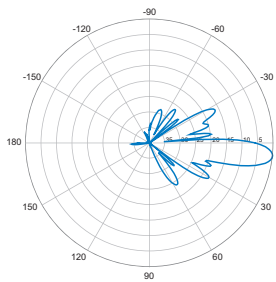
BXA-70080-8CF-EDIN-7



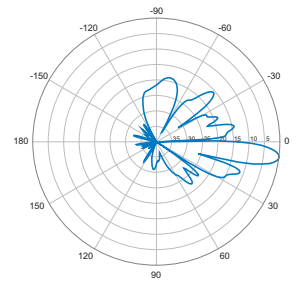
7° | Vertical | 750 MHz



4° | Vertical | 850 MHz



6° | Vertical | 850 MHz



7° | Vertical | 850 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.