

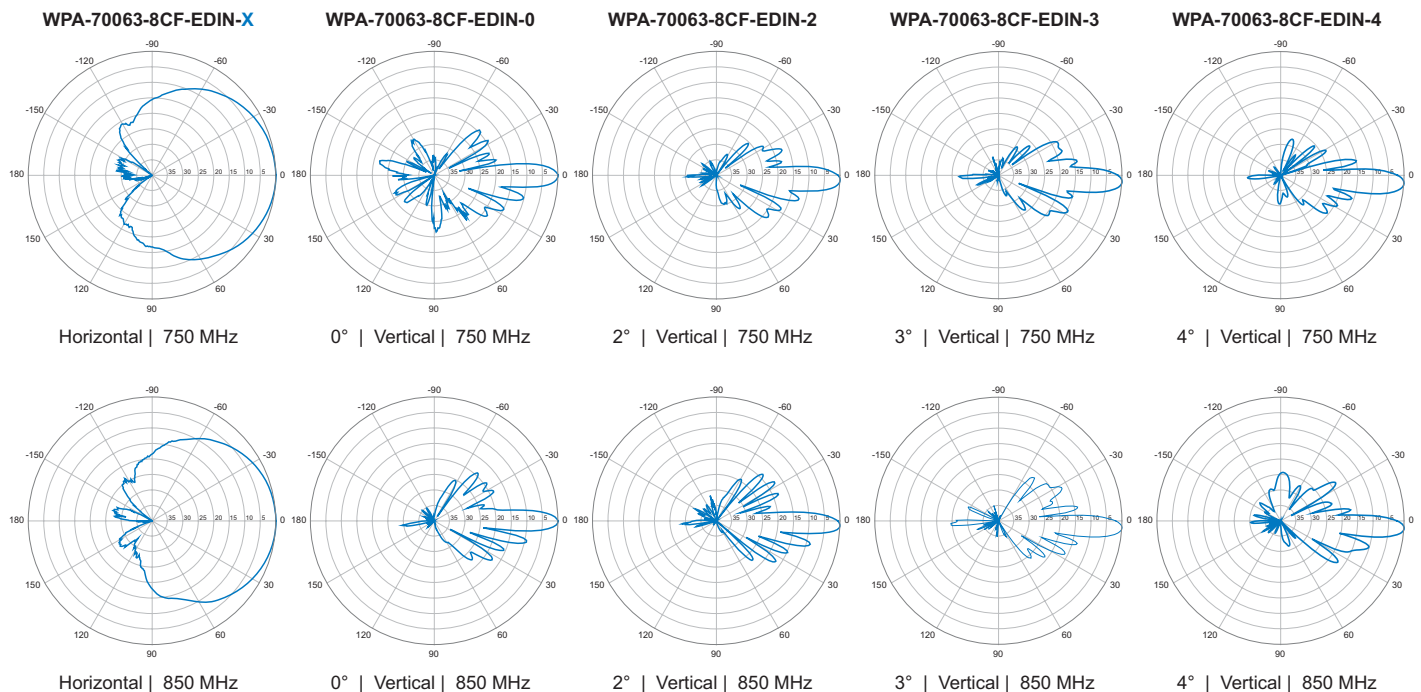
WPA-70063-8CF-EDIN-X

V-Pol | FET Panel | 63° | 16.5 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	Vertical		
Horizontal beamwidth	65°	63°	
Vertical beamwidth	9°	7°	
Gain	16.0 dBd (18.1 dBi)	16.5 dBd (18.6 dBi)	
Electrical downtilt (X)	0, 2, 3, 4, 5, 6, 7		
Impedance	50Ω		
VSWR	≤1.35:1		
Upper sidelobe suppression (0°)	-19.5 dB	-18.7 dB	
Front-to-back ratio (+/-30°)	-32.7 dB	-33.2 dB	
Null fill	5% (-26.02 dB)		
Input power with EDIN connector	500 W		
Input power with NE connector	300 W		
Lightning protection	Direct Ground		
Connector(s)	1 Port / EDIN or NE / Female / Center (Back)		
Mechanical Characteristics			
Dimensions Length x Width x Depth	2404 x 285 x 130 mm	94.6 x 11.2 x 5.1 in	
Depth of antenna with z-bracket	170 mm	6.7 in	
Weight without mounting brackets	12.4 kg	27.2 lbs	
Survival wind speed	> 201 km/hr	> 125 mph	
Wind area	Front: 0.68 m ² Side: 0.36 m ²	Front: 7.4 ft ² Side: 3.9 ft ²	
Wind load @ 161 km/hr (100 mph)	Front: 1009 N Side: 639 N	Front: 227 lbf Side: 144 lbf	
Mounting Options	Part Number	Fits Pipe Diameter	Weight
3-Point Mounting & Downtilt Bracket Kit	36210008	40-115 mm 1.57-4.5 in	6.9 kg 15.2 lbs

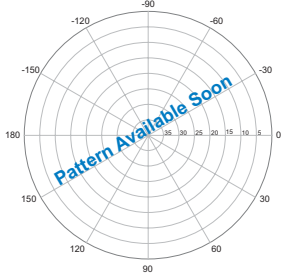


Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product.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

WPA-70063-8CF-EDIN-X

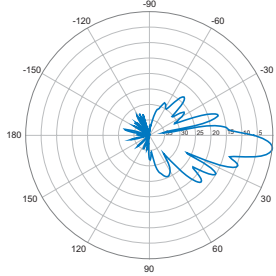
X-Pol | FET Panel | 63° | 16.5 dBd

WPA-70063-8CF-EDIN-5



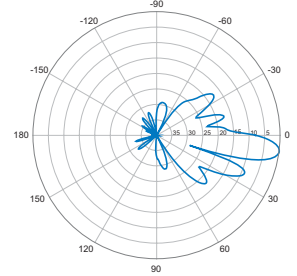
5° | Vertical | 750 MHz

WPA-70063-8CF-EDIN-6

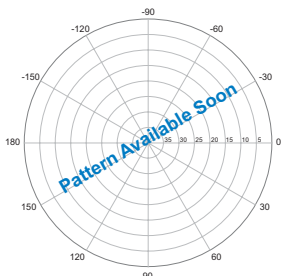


6° | Vertical | 750 MHz

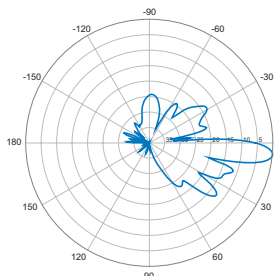
WPA-70063-8CF-EDIN-7



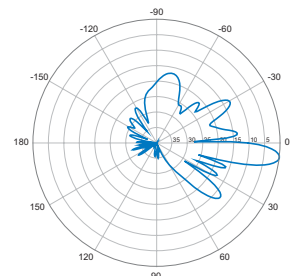
7° | Vertical | 750 MHz



5° | 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.