

30°/30° Narrow Beam Directional Panel Antenna [698-960MHz, 1710-2700 MHz]

EXTENT™ D5777i

Description:

- Single-sector MIMO antenna for high capacity and stadium venues.
- 30°/30° dual-polarized beam width covering 698-960MHz and 1710-2700MHz.



698-960MHz & 1710-2700 MHz Directional Panel Antenna

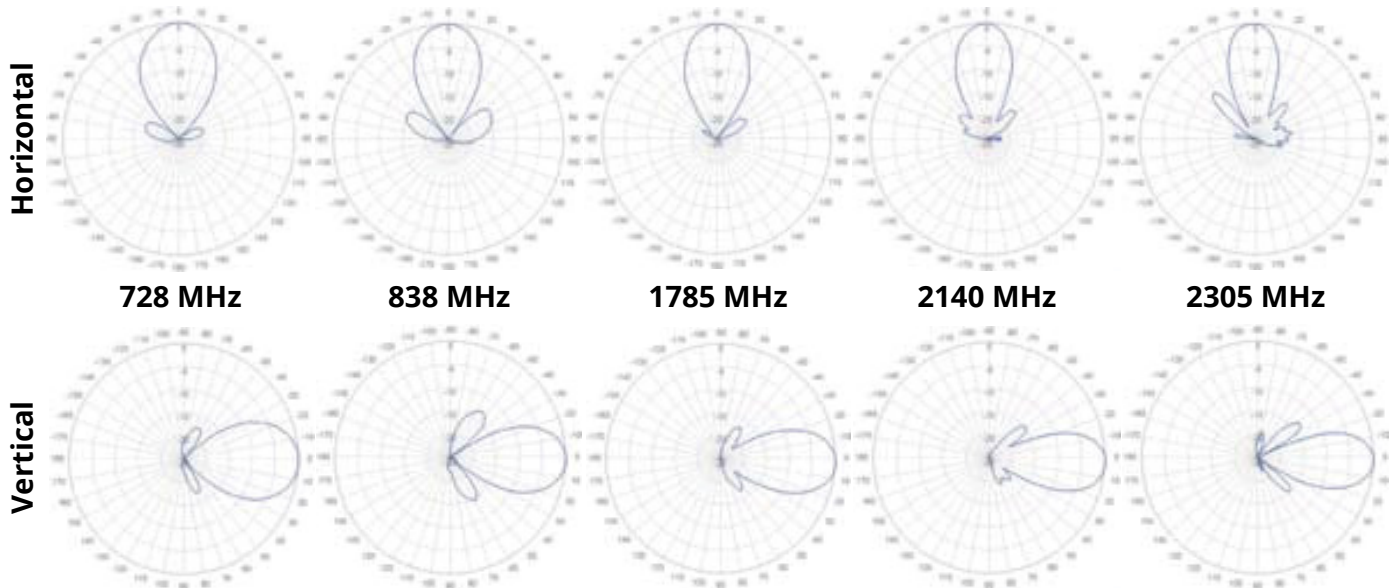
Electrical Specifications							
Frequency Band [MHz]	698-790	790-960	1695-1780	1780-1990	1990-2180	2305-2360	2360-2700
Input Connector Type	2x 7-16(F) DIN or 4.3-10(F) DIN						
Isolation (typ.)	-25 dB						
Inter-band Isolation	-35 dB (typ)						
VSWR/Return Loss	<1.5:1 / 14 dB						
Impedance	50 Ω						
Polarization	Dual slant 45° (±45°)						
Horizontal Beamwidth	35°	30°	30°	29°	28°	25°	23°
Vertical Beamwidth	35°	30°	30°	30°	30°	25°	23°
Max. Gain	13.0 dBi	13.7 dBi	14.2 dBi	14.7 dBi	15.4 dBi	16.3 dBi	16.1 dBi
Avg. Gain	12.3 dBi	13.1 dBi	13.7 dBi	14.0 dBi	14.8 dBi	15.1 dBi	15.1 dBi
Front to Back	27 dB			30 dB			
Max Power / Port	150 Watts						
PIM @ 2x43 dBm	<-153 dBc						

Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	26.5 lbs (12.0 kg)
Antenna Depth	6.1" (155 mm)
Antenna Width	30.9" (787mm)
Antenna Height	24.7" (627mm)
Radome Material	PC/ABS
RoHS	Compliant
Radome Color	RAL 9016 (white)*
Ingress Protection	Outdoor (IP65)
Wind Survival Rating	170 mph (274 km/h)
Shipping Dimensions - L x W x D	33.8"x27.3"x9.6" / 858x694x244mm
Shipping Weight (Gross Weight)	36.93 lbs (16.75 kg)

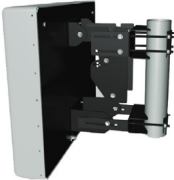

* Radome can be painted with recommended paint "Krylon fusion for plastic"

Additional Technical Information

Antenna Patterns



Part Numbers, Ordering Options and Accessories

Description:	Part Number:
Antenna with 2x 7-16 DIN (F) Connectors	04119261-05777-1
Antenna with 2x 4.3-10 DIN (F) Connectors	04127261-05777-1
Mounting Bracket(s):	Part Number:
Heavy Duty Bracket (wind speed up to 170 mph) offers an easy installation solution to mount the antenna to a pole. The mounting bracket allows a tilt of up to 20° in 2.5° steps.	 62-33-03
Modular (wind speed up to 80 mph) offers an easy installation solution to mount the antenna to a pole or wall. Due to its modular structure the mounting bracket allows maximum flexibility.	 62-36-03

Matting Male Connector Torque:

7-16: 18.4 ft-lb (25 Nm)
4.3-10: 3.7 ft-lb (5 Nm)