



# EXTENT™ D5777i

## 30°/30° Narrow Beam Directional Antenna

[MIMO 698-960 MHz and 1710-2700 MHz]

### DESCRIPTION:

Broadband directional single-sector MIMO antenna for high-capacity venues like stadiums or campuses.

Electrical Specifications								
Frequency Band [MHz]	698-740	740-793	793-894	894-960	1710-1910	1910-2180	2305-2360	2360-2700
Polarization	Dual slant 45° (±45°)							
VSWR/Return Loss	<1.7:1/11.8 dB				<1.7:1/11.8 dB			
Input Connector Type	2x N-Type (F) or 2x 7-16 DIN (F) or 2x 4.1-9.5 DIN (F) or 2x 4.3-10 (F), Back Mount							
Gain	12.5 dBi	13.0 dBi	13.5 dBi	13.5 dBi	14.0 dBi	15.0 dBi	15.5 dBi	15.5 dBi
Isolation (Typical)	-30 dB							
Horizontal Beamwidth (±4°)	35°	35°	32°	28°	30°	28°	25°	23°
Impedance	50 Ω							
Vertical Beamwidth (±4°)	35°	34°	31°	27°	30°	30°	25°	23°
Downtilt	0° fixed							
PIM @ 2 x 43 dBm	< -150 dBc @ 2x43 dbm							
Front-to-Back	27 dB				30 dB			
Max. Input Power per Port	150 Watts							

Mechanical Specifications	
Operating Temperature	-40° to 158° F (-40° to +70° C)
Antenna Weight	~26.45 lbs (~12 kg)
Antenna Height	24.7" (627mm)
Antenna Width	30.9" (787mm)
Antenna Depth	6.1" (155mm)
RoHS	compliant
Ingress Protection	IP65 (Outdoor)
Radome Color	White
Antenna Wind Survival Rating	150 mph (241 km/h)

### ANTENNA OPTIONS

Standard antenna version:

**04119261-05777-1** EXTENT D5777i with 2x 7-16 DIN (F) connectors

**04108261-05777-1** EXTENT D5777i with 2x N-Type(F) connectors

Other possible antenna versions:

**04126261-05777-1** EXTENT D5777i with 2x 4.1-9.5 DIN (F) connectors

**04127261-05777-1** EXTENT D5777i with 2x 4.3-10 (F) connectors

### MOUNTING BRACKETS OPTIONS:

**62-33-03** [Heavy Duty Mounting Brackets \(wind survival 150mph\)](#)

**62-36-03** [Modular Mounting Brackets \(wind survival 80mph\)](#)

### MOUNTING INFORMATION:

The two-point mounting bracket allows wall and pole mounting offering options to fine-adjust the alignment of the antenna. Options include tilt (20deg up/down) and an extendable arm to increase the distance from wall/pole to the antenna (up to 4" / 10cm extendable).

