



EXTENT™ D5777i

30/30° Narrow Beamwidth Panel Antenna

[698-960 MHz and 1710-2700 MHz]

DESCRIPTION:

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

Electrical Specifications	Low Band			High Band		
Frequency Band	698-790 MHz	790-894 MHz	894-960 MHz	1710-1910 MHz	1910-2360 MHz	2360-2700 MHz
Polarization	Dual slant 45° (±45°)					
VSWR	<1.7:1			<1.7:1		
Input Connector Type	2x 4.3-10 (F) or 2x 4.1/9.5 Mini DIN (F) or 2x 7/16 DIN Female, Back Mount					
In Band Isolation between Ports	<-25 dB Typical					
Inter Band Isolation between Ports	<-40 dB Typical					
Gain	13.0 dBi	13.5 dBi	14.0 dBi	13.0 dBi	14.5 dBi	15.0 dBi
Horizontal Beamwidth (±8°)	30°	30°	30°	30°	30°	27°
Vertical Beamwidth (±8°)	30°	30°	30°	30°	30°	27°
Impedance	50 Ω					
Downtilt	0° fixed					
PIM @ 2 x 43 dBm	< -150 dBc @ 2x43 dbm					
Front to Back at Horizontal	>25			>25		
Max. Input Power per Port	250 Watts					

Mechanical Specifications	
Operating Temperature	-40° to 158° F (-40° to +70° C)
Antenna Weight	~22.04 lbs (~10 kg)
Antenna Length	30.9" (787mm)
Antenna Width	24.7" (627mm)
Antenna Height	5.7" (145mm)
RoHS	compliant
Ingress Protection	IP65 (Outdoor)
Radome Color	White
Wind Survival Rating	125 mph (241 km/h)

ANTENNA OPTIONS

EXTENT D5777i with 2x 4.3-10 (F) connectors
EXTENT D5777i with 2x 7/16 DIN (F) connectors
EXTENT D5777i with 2x 4.1/9.5 Mini DIN (F) connectors

MOUNTING INFORMATION:

The mounting bracket allows wall and pole mounting with flexible and continuous antenna adjustment in the horizontal as well as in the vertical plane.