



# EXTENT™ D5501i

## 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		
	698-750 MHz	750-820 MHz	820-960 MHz	1710-1910 MHz	1910-2170 MHz	2170-2700 MHz
Frequency Band	698-750 MHz	750-820 MHz	820-960 MHz	1710-1910 MHz	1910-2170 MHz	2170-2700 MHz
Polarization	Dual slant 45° (±45°)					
VSWR	<1.6:1			<1.7:1		
Input Connector Type	2x or 4x 7/16 DIN Female, Back Mount					
In Band Isolation between Ports	<-25 dB Typical					
Inter Band Isolation between Ports	<-40 dB Typical					
Gain	10.5 dBi	10.5 dBi	11 dBi	11 dBi	11.5 dBi	11 dBi
Azimuth ±5°	35°	35°	30°	35°	30°	35°
Elevation ±8°	70°	65°	65°	65°	60°	50°
Impedance	50 Ω					
Downfilt	0° fixed					
PIM @ 43 dBm	< -150 dBc					
Front to Back at Horizontal	>25			>25		
Max. Input Power per Port	250 CW at 800 MHz			150 CW at 1900 MHz		

### Mechanical Specifications

Operating Temperature	-67° to 158° F (-55° to +70° C)
Antenna Weight	10.6 lbs (4.8 kg)
Antenna Length	14.3" (363mm)
Antenna Width	24.6" (623mm)
Antenna Height	5.2" (132mm)
RoHS	compliant
Ingress Protection	IP65
Passed Vibration Test	IEC 60068-2-6 and 60068-2-64
Wind Load (Side)	At 125 mph (200km/h) 146 lbf (650N)
Wind Survival Rating	125 mph (200 km/h)

### ANTENNA OPTIONS

- 04119261-05501** EXTENT D5501i with 4 connectors
- 04119261-05536** EXTENT D5501i with 2 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.

