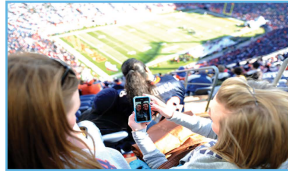


Small Cell & High Density WiFi



THE MOBILITY CHALLENGE - MAXIMIZING HIGH DENSITY WIRELESS NETWORK CAPACITY & COVERAGE

Consumer and business demand for high-speed wireless access driven by tablets, smart phones and bandwidth intensive video and content rich applications has created the need for greater capacity in operator controlled wireless networks. As the user base grows and new types of network enabled devices and applications come online consumer and business users depend on and demand high performance, high capacity wireless service. For in-building and entertainment venue applications with a high concentration of wireless device users Laird meets and exceeds the mobility challenge with a broad portfolio of performance engineered in-building and outdoor antenna solutions designed to deliver increased, highly reliable wireless network capacity and coverage.

3G/4G & LTE SOLUTIONS



CFS69271

Indoor Ceiling Surface
1-Port SISO Omni
Vertical Pol
698-960 / 1710-2700 MHz
698-960 MHz 3 dBi Gain
1710 - 2170 MHz 3 dBi Gain
2500-2700 MHz 4.5 dBi Gain



OC69271

Indoor / Outdoor
1-Port SISO Omni
Vertical Pol
698-960 / 1710-2700 MHz
698-960 MHz 1.5 dBi Gain
1710 - 2170 MHz 3.5 dBi Gain



CMS69373

Indoor Ceiling
1-Port SISO Omni
Vertical Pol
698-960 / 1710-2700 MHz
698-960 MHz 1 dBi Gain
1710 - 2170 MHz 3 dBi Gain



CMS69373P

Indoor Ceiling
1-Port SISO Omni
Low PIM <153 dBc
Vertical Pol
698-960 / 1710-2700 MHz
698-960 MHz 2.6 dBi Gain
1710 - 2170 MHz 3.5 dBi Gain



PAV69278I

Indoor
1-Port SISO Directional
Vertical Pol
698-960 / 1710-2700 MHz
698-960 MHz 8 dBi Gain
1710 - 2170 MHz 8 dBi Gain



PAV69278PI

Indoor
1-Port SISO Directional
Vertical Pol
698-960 / 1710-2700 MHz
698-960 MHz 8 dBi Gain
1710 - 2170 MHz 8 dBi Gain



CMD69273

Indoor Ceiling
2-Port MIMO Omni
Vertical & Horizontal Pol
698-960 / 1710-2700 MHz
698-960 MHz 3 dBi Gain
1710 - 2170 MHz 5 dBi Gain



CMD69273P

Indoor Ceiling
2-Port MIMO Omni
Low PIM < 154 dBc
Vertical & Horizontal Pol
698-960 / 1710-2700 MHz
698-960 MHz 3 dBi Gain
1710 - 2170 MHz 5 dBi Gain



PAS69378

Indoor/Outdoor
2-Port MIMO Directional
Slant ± 45 degree Pol
698-960 / 1710-2700 MHz
698-960 MHz 7.5 dBi Gain
1710 - 2170 MHz 9.5 dBi Gain



PAS69378P

Indoor/Outdoor
2-Port MIMO Directional
Low PIM < 151 dBc
Slant ± 45 degree Pol
698-960 / 1710-2700 MHz
698-960 MHz 8.7 dBi Gain
1710 - 2170 MHz 9.7 dBi Gain



SL69273PT

Indoor Ceiling
3-Port Omni
Vertical Pol
698-960 / 1710-2700 MHz
Port 1 698-806 / 1710-2170 - 3 dBi Gain
Port 2 824-894 / 1850-1990 - 2 dBi Gain
Port 3 2500-2700 MHz 2 dBi Gain



CMX69273P

Indoor Ceiling
2-port MIMO Omni
Low PIM <154 dBc
Vertical & Horizontal Pol
698-960 / 1710-2700 Mhz
698-960 MHz 4.1 dBi Gain*
1710 - 2700 2.9 dBi Gain*

*Average typical gain across frequency band



CMQ69273P

Indoor Ceiling
4-port MIMO Omni
Low PIM <153 dBc
Vertical & Horizontal Pol
698-960 / 1710-2700 MHz
698-960 MHz 4.3 dBi gain*
1710 - 2700 MHz 4.7 dBi gain*

*Average typical gain across frequency band

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Solution Brief

Small Cell & High Density WiFi

HIGH DENSITY WiFi SOLUTIONS



S24493TS

Indoor Ceiling-Surface
3-Port MIMO Omni
2400-2500 MHz
4900-5875 MHz
2.x GHz 3 dBi Gain
5.x GHz 4 dBi Gain



OP51508T

Indoor-Outdoor IP-67
3-Port MIMO Omni
5150-5875 MHz
8 dBi Gain



CMM24513S4

Indoor Ceiling
4-Port MIMO Omni
2400-2500 MHz
5150-5875 MHz
6 dBi Gain



S2451DBT

Indoor Ceiling
6-Port MIMO Omni
3 Ports - 2400-2500 MHz
3 Ports - 5150-5875 MHz
2 dBi Gain



OP24516SX

Indoor-Outdoor IP-67
6-Port MIMO Omni
3 Ports - 2400-2500 MHz
3 Ports - 5150-5875 MHz
2.x GHz 4 dBi Gain
5.x GHz 6 dBi Gain



OP24516DS

Indoor-Outdoor IP-67
6-Port MIMO Omni
2400-2500 MHz
5150-5875 MHz
2.x GHz 4 dBi Gain
5.x GHz 6 dBi Gain



S24517PT

Indoor-Outdoor IP-67
Directional
3-Port MIMO
2400-2500 MHz
5150-5875 MHz
2 Ports Vertical Pol
1 Port Horizontal Pol
2.x GHz 8 dBi Gain
5.x GHz 10 dBi Gain



PDM24519

Indoor-Outdoor IP-67
Directional
3-Port MIMO
2400-2500 MHz
5150-5875 MHz
2 Ports Vertical Pol
1 Port Horizontal Pol
2.x GHz 8 dBi Gain
5.x GHz 9 dBi Gain



S245112PT

Indoor-Outdoor IP-67
Directional
3-Port MIMO
2400-2500 MHz
5150-5875 MHz
2 Ports Vertical Pol
1 Port Horizontal Pol
2.x GHz 10.9 dBi Gain
5.x GHz 13.5 dBi Gain



PDM245115H

Indoor-Outdoor IP-67
Directional
4-Port MIMO
2400-2500 MHz
5150-5875 MHz
2 Ports Vertical Pol
2 Ports Horizontal Pol
2.x GHz 14 dBi Gain
5.x GHz 14.5 dBi Gain



PVM245110

Indoor - Outdoor IP67 3-port MIMO
Directional 3-port Vertical Pol
2400-2500 Mhz
5150-5900 MHz
2.X GHz 9 dBi Gain*
5.X GHz 8.5 dBi Gain*
Average typical gain across frequency band

LAIRD IS THE GLOBAL LEADER IN PERFORMANCE ENGINEERED ANTENNA SOLUTIONS

Our proprietary design tools, RF expertise & manufacturing excellence provide commercial off- the- shelf (COTS) and custom solutions for WLAN, Telecom, Industrial, Commercial & Public Safety operation critical communications.

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