

## CBRS Antennas

KP Performance 3.5 GHz Citizens Broadband Radio Service (CBRS) and C-band wireless and broadband antennas are designed to optimize RF performance, increase capacity and bandwidth, while supporting existing LTE networks. Ideal for macro base station and small cell deployments, these 3.5 GHz antennas enable customers to be prepared for future 5G deployment.

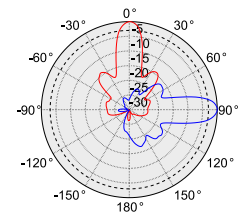
KP's CBRS antennas incorporate advanced low PIM and dual polarization technology, that allows for the interoperability of one 4x4 radio or two 2x2 radios with multiple transmit and receive paths. These antennas are available with either 2, 4, or 8 female N-type connectors and support single band and multi-band applications across the 3.3 to 4.2 GHz, 4.9 to 6.4 GHz, and 2.3 to 2.7 GHz spectrums.

KP's CBRS antennas feature industrial-grade, powder-coated mounting brackets and corrosive resistant hardware and all-weather UV-resistant radomes, that are built to survive in a wide range of challenging environments.

### Product Features

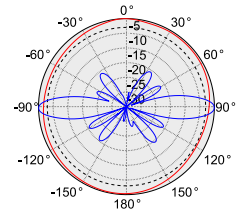
#### Panel Antennas

- 2-port flat panel antennas, 3.5 to 3.8 GHz, 10/20 dBi,  $\pm 45$  slant polarization
- Stable gain and focused radiation in a small form factor for CBRS band
- Industrial design with UV resistant radome and powder-coated mounting hardware
- Ideal for indoor coverage, point-to-point links and small cell applications



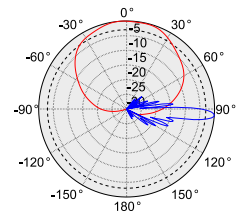
#### Omni Antennas

- 2- and 4-port, 8.5 dBi and 13 dBi gain, H/V and  $\pm 45$  slant polarization options
- Small form factor limits the tower footprint and provides 360° coverage
- Supports one 4x4 MIMO or two 2x2 MIMO radios in CBRS band, 3.5 to 3.8 GHz
- Ideal for point-to-multipoint NLOS and small cell applications



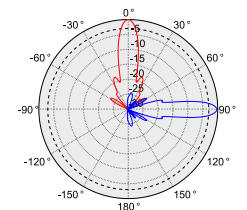
#### Sector Antennas

- 2-, 4-, 8-port, single, dual-band, tri-band,  $\pm 45$  slant and H/V polarization options
- 30°, 65°, 90° and 120° beamwidth options with reduced side lobes
- Supports one 4x4 MIMO or two 2x2 MIMO radios in CBRS band, 3.3 to 4.2 GHz
- Designed for frequency-reuse with LTE equipment and CBRS deployments



#### Parabolic Antennas

- High gain performance— 1-foot: 20 dBi, 2-foot: 24 dBi
- Reduces interference in a backhaul point-to-point links or client-side point-to-multipoint links
- Rugged design with heavy-duty brackets and weather resistant powder-coating
- Comes with 36" LMR 200 pigtailed and N-type female connectors



#### Same-Day Shipping

KP Performance offers the most expansive portfolio of in-stock wireless broadband antennas. All antennas are available for same-day shipping.

## CBRS Antennas Ordering Guide

Antenna Category	Product SKU	Product Description
Sector Antennas	KPPA-3GHDP90S-45-PMP	3.3 GHz to 3.8 GHz $\pm$ 45 Degree Slant Dual Pol 16.7 dBi 90 Degree Sector with PMP Radio mounting plate
Sector Antennas	KP-3DP120S-45	3.3 GHz to 3.8 GHz 120° $\pm$ 45 Degree Slant 14.5 dBi / Designed for LTE
Sector Antennas	KP-3DP65S-45	3.3 GHz to 3.8 GHz 65° $\pm$ 45 Degree Slant Dual Pol 18 dBi Sector
Sector Antennas	KP-3SCX4-65	3.3 GHz to 3.8 GHz 65° $\pm$ 45 Degree Slant Quad Port 15 dBi N-Type Connectors Small Cell Sector
Sector Antennas	KP-3SX4-65	3.3 GHz to 3.8 GHz 65° $\pm$ 45 Degree Slant Quad Port 18 dBi 7/16 DIN Connectors Sector
Sector Antennas	KP-3SX4N-65	3.3 GHz to 3.8 GHz 65° $\pm$ 45 Degree Slant Quad Port 18 dBi N-Type Connectors Sector
Sector Antennas	KP-3SX4-90	3.3 GHz to 3.8 GHz 90° $\pm$ 45 Degree Slant Quad Port 17dBi Sector
Sector Antennas	KPPA-3GHZDP90S-45	3.3 GHz to 3.8 GHz 90° $\pm$ 45 Degree Slant Dual Pol 16.5 dBi Sector GEN II / Cables Included
Sector Antennas	KP-3S3S-65SA	Two 3.3 GHz to 3.8 GHz 65° $\pm$ 45 Degree Slant 18dBi in One Shell Orientated as 90° Sectors
Sector Antennas	KP-3DP33S-45	3.5 GHz to 4.2 GHz, 33 Degree Sector Antenna, 18.8 dBi, 2-Port, $\pm$ 45 Slant
Sector Antennas	KP-3SX4-33	3.5 GHz to 4.2 GHz, 33 Degree Sector Antenna, 18.8 dBi, 4-Port, $\pm$ 45 Slant
Sector Antennas	KPP-3DP65S-45	3.5 GHz to 4.2 GHz, 65 Degree Sector Antenna, 18.1 dBi, 2-Port, $\pm$ 45 Slant
Sector Antennas	KPP-3SX4-65	3.5 GHz to 4.2 GHz, 65 Degree Sector Antenna, 18.1 dBi, 4-Port, $\pm$ 45 Slant
Sector Antennas	KPP-3S65-5S90-X4	3.5 GHz to 4.2 GHz, 65 Degree + 4.9 GHz to 6.4 GHz, 90 Degree Dual Band Sector Antenna, 4-Port, $\pm$ 45 Slant
Sector Antennas	KPP-3S65-5S90-X8	3.5 GHz to 4.2 GHz, 65 Degree + 4.9 GHz to 6.4 GHz, 90 Degree Dual Band Sector Antenna, 8-Port, $\pm$ 45 Slant
Sector Antennas	KPP-3S65-5S90-X8-ODT	3.5 GHz to 4.2 GHz, 65 Degree + 4.9 GHz to 6.4 GHz, 90 Degree Dual Band Sector Antenna, 8-Port, $\pm$ 45 Slant, ODT
Sector Antennas	KP-2S3S5HVX8-65	2.3 GHz to 2.7 GHz + 3.3 GHz to 3.8 GHz + 5.15 to 5.85 GHz 65 Degree Tri Band Sector Antenna, 8-Port, $\pm$ 45 Slant
Omni Antennas	KP-23DOMNI-HV	2.3 GHz to 2.7 GHz + 3.3 GHz to 3.8 GHz Dual Band Omni Antenna, 10 dBi to 11.5 dBi, 4-Port, H/V Polarization
Omni Antennas	KP-35DOMNI-HV	3.3 GHz to 3.8 GHz + 5.15 GHz to 5.85 GHz Dual Band Omni Antenna, 11 dBi to 12 dBi, 4-Port, H/V Polarization
Omni Antennas	KPPA-3GHZ-DPOMA	3.3 GHz to 3.8 GHz 13 dBi Dual Pol H/V Omni
Omni Antennas	KPPA-3GHZ-DPOMA-WC-2	3.3 GHz to 3.8 GHz 13 dBi Dual Pol H/V Omni With 2nd Gen Metal Radio Case
Omni Antennas	KP-600-DPOMA-3-NF	617 MHz to 4200 MHz, 3 to 5 dBi, 2x2 MIMO Omni Antenna, 2 port RG58 pigtail with N Female Connector
Parabolic Antennas	KPPA-22.5-3GDPPFH-2PK	3.3 GHz to 3.8 GHz 22.5 dBi Dual Pol Feed Horn Antenna - 2 Pack Box
Parabolic Antennas	KPPA-3GHZFHLD-4P	3.3 GHz to 3.8 GHz 25.5 dBi Dual Pol Feed Horn Antenna - 4 Pack Box
Parabolic Antennas	KP-35PD2-N	3.5 GHz to 3.8 GHz, 2-Foot Parabolic Antenna with 2 x N-type Connectors
Parabolic Antennas	KP-35PD1-N	3.5 GHz to 3.8 GHz ,1-Foot Parabolic Antenna with 2 x N-type Connectors
Panel Antennas	KP-3DPFP10	3.5 GHz to 3.8 GHz, Flat Panel Antenna, 10 dBi, H/V Pol
Panel Antennas	KP-3DPFP20	3.5 GHz to 3.8 GHz, Flat Panel Antenna, 20 dBi, H/V Pol

## Our Antenna Experts are Here to Help

-  Same-Day Shipping
-  Secure Online Ordering  
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