

**NEW**  
PROLINE  
SECTOR  
ANTENNAS



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# NEW

## ProLine Sector Antennas



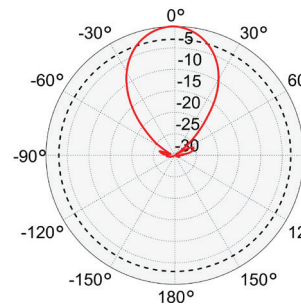
Our new high-performance **ProLine Sector Antennas** are engineered to deliver high, stable gain over wide bandwidths and suppress side-lobes and back-lobes for mitigating inter-sector interference. Single-band and dual-band options are available in 2.3 – 2.7 GHz, 3.5 – 4.2 GHz, and 4.9 – 6.4 GHz for 2x2, 4x4, and 8x8 MIMO. Multiple ports and frequencies in a single radome allow you to integrate multiple radio platforms with a single antenna mounting point, reducing wind load and tower rental costs. The innovative universal radio bracket is compatible with many popular PtMP radios and simplifies installation and reduces the overall footprint on the tower.

### Features

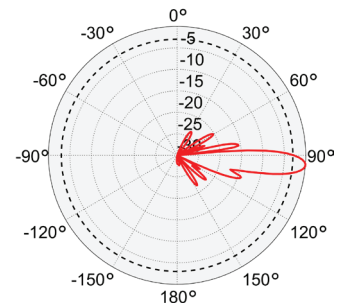
- Stable performance over wide bandwidths with flat gain
- Single and dual-band sectors support 2x2, 4x4, and 8x8 MIMO
- Dual-band sectors reduce tower footprint & rental costs
- Superior port isolation, cross polarization discrimination, gain, VSWR, and front-to-back
- Ultra-wide bandwidths 4.9 GHz to 6.4 GHz for world-wide markets
- Upper side lobe suppression reduces inter-cell interference
- Null fill improves coverage near the tower
- Side-lobe mitigation and improved front-to-back performance help reject interference
- Multiple beamwidth options tailored for frequency re-use
- Integrated hoisting hook for added safety and convenient installation
- Heavy-duty aluminum brackets with powder coated steel hardware
- Universal radio bracket with quick-release slot/clip design is compatible with many AP radios
- Mounts to any size mast from 0.75" to 4.5"



**KPP-3SX4-33 example: 3.5 GHz to 4.2 GHz, 33 Degree Sector Antenna, 18.5 dBi 4-Port, ±45 Slant**



**KPP-3SX4-33**  
Azimuth Pattern



**KPP-3SX4-33**  
Elevation Pattern

SKU:	No. Ports	Frequency Range (GHz)	Polarization	Gain (dBi)	Azimuth Beamwidth (deg)	Elevation Beamwidth (deg)	Electrical Downtilt (deg)	Front to Back (dB)
KPP-3DP65S-45	2	3.5 - 4.2	±45 Slant	18.1	65	6	4	35
KPP-3SX4-65	4	3.5 - 4.2	±45 Slant	18.1	65	6	4	40
KP-3DP33S-45	2	3.5 - 4.2	±45 Slant	18.8	33	8	4	35
KP-3SX4-33	4	3.5 - 4.2	±45 Slant	18.8	33	8	4	35
KPP-5SX4-65	4	4.9 - 6.4	±45 Slant	17.5	65	7	0	38
KPP-5SX8-65	8	4.9 - 6.4	±45 Slant	17.5	65	7	0	38
KPP-5SX4-90	4	4.9 - 6.4	±45 Slant	17	90	6	0	35
KPP-5DP90S-45	2	4.9 - 6.4	±45 Slant	17	90	6	0	33
KPP-2SX4-65	4	2.3 - 2.7	±45 Slant	17.2	65	8	4	33
KPP-2S3SX4-65	4	2.3 - 2.7 / 3.5 - 4.2	±45 Slant	17 / 16.8	65 / 65	8 / 8	4 / 4	33 / 35
KPP-2S3SX8-65	8	2.3 - 2.7 / 3.5 - 4.2	±45 Slant	17 / 16.8	65 / 65	8 / 8	4 / 4	33 / 35
KPP-3S65-5S90-X4	4	3.5 - 4.2 / 4.9 - 6.4	±45 Slant	17.8 / 17	65 / 90	6 / 6	4 / 0	35 / 35
KPP-3S65-5S90-X8	8	3.5 - 4.2 / 4.9 - 6.4	±45 Slant	17.8 / 17	65 / 90	6 / 6	4 / 0	35 / 35