



Antennas

DATA SHEET

Mounting Bracket Kit

MBK-21



- This two part antenna mounting bracket is designed for use with CCI's 3 – 4 ft tall (0.9 – 1.2 m) QPA65R-W3B and QPA65R-W4B antennas to mount three antennas to a single pole and where mechanical tilt is required
- Bracket holds three antennas with a 120 degree pitch
- Bracket kit allows $\pm 30^\circ$ of horizontal antenna adjustment
- Bracket kit has $0^\circ - 20^\circ$ of mechanical downtilt, at 2° increments
- Bracket kit utilizes a locking pin to ensure proper downtilt setting
- Bracket kit can be used for downtilted or uptilted installations
- Rugged and weather resistant design
- Adjustable clamps fit pole diameter from 3.5 – 4.5 in (89 – 115 mm)

Overview

This Pole Mounting Bracket is designed for use with CCI's QPA65R-W3B and W4B antennas. The MBK-21 bracket kit delivers a very stable mounting for three antennas and offers 0 to 20 degrees of down tilt. The rugged design supports CCI's antennas while resisting the elements. The clamps adjust to fit pole diameters ranging from 3.5 – 4.5 inches (89 – 115 mm). CCI antenna brackets are designed and produced to ISO 9001 certification standards for reliability and quality in our state-of-the-art manufacturing facilities.

Applications

- Ideal for pole mounting in urban settings



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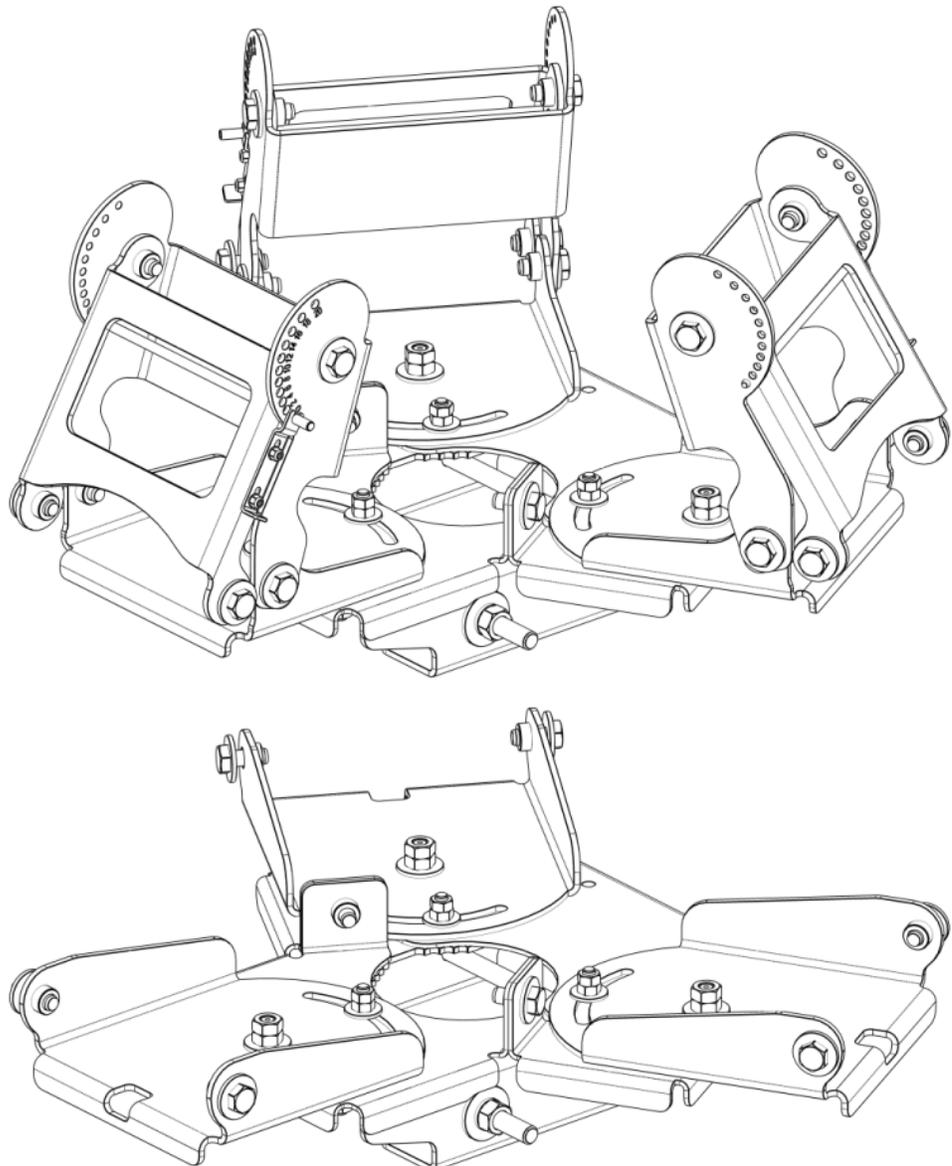
SPECIFICATIONS

Mounting Bracket Kit

MBK-21

Mechanical

Weight	45.6 lbs (20.7 kg)
Hinge Pitch	27.6 in (700 mm)
Mounting Pole Dimension	3.5 to 4.5 in (89.1 to 115 mm)
Fastener Size	M10 HHC Screw, DIN 933, ISO 4017 M12 Hex Nut, DIN 934, ISO 4032
Installation Torque	M10-18 ft·lbs (25 Nm), M12-40 ft·lbs (54 Nm)
Maximum Static Load per Sector	170.9 lbs (77.5 kg)
Mechanical Tilt	0° to 20°



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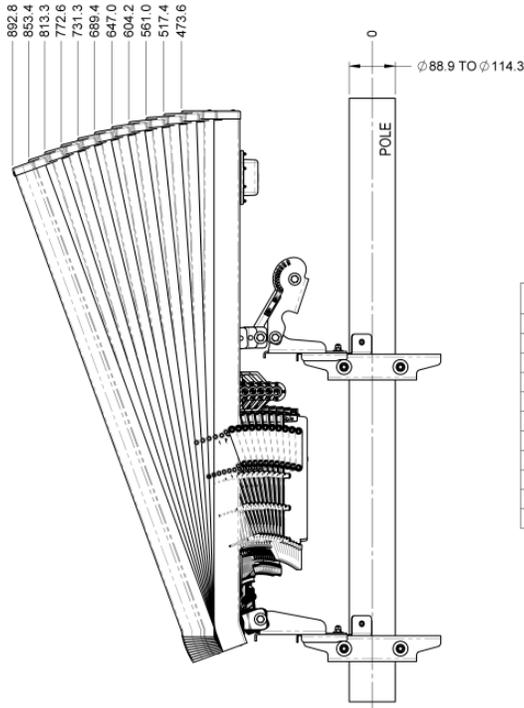
SPECIFICATIONS

Mounting Bracket Kit

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Mechanical

QPA65R-W4B ANTENNA DISTANCE FROM POLE BASED ON THE MECHANICAL TILT SETTING



MECHANICAL TILT (°)	DISTANCE FROM POLE \varnothing
0	473.6
2	517.4
4	561.0
6	604.2
8	647.0
10	689.4
12	731.3
14	772.6
16	813.3
18	853.4
20	892.8

NOTE: ALL MEASUREMENTS BASED ON MM (MILLIMETER)

Mechanical Tilt Setting Chart For QPA65R-W4BA



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ORDERING

Mounting Bracket Kit

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Parts & Accessories

Model number MBK-21

Overall Weight 45.6 lbs (20.7 kg)