

Fig. 1: Fixed Mast Bracket Kit BOM

ITEM	QTY	DESCRIPTION
1	4	MAST BRACKET, CLAMP, FIXED, MBK-22
2	2	MAST BRACKET, HINGE, MBK-22
3	28	WASHER, FLAT, M12, 37 OD, MIN 2.3 THK, DIN 9021, STEEL, ROHS HOT DIP GALV
4	16	WASHER, SPLIT LOCK, M12, DIN 127B, STEEL, ROHS HOT DIP GALV
5	32	NUT, HEX, M12X1.75, DIN 934, CLASS 8, STEEL, ROHS HOT DIP GALV
6	24	SCREW, HEX, CAP, M12X1.75, 45L, DIN 933, CLASS 8.8, ROHS HOT DIP GALV
7	4	THREADED ROD, M12X1.75, 300L, DIN 975, CLASS 8.8, ROHS HOT DIP GALV

Fig. 2: Fixed Mast Brackets

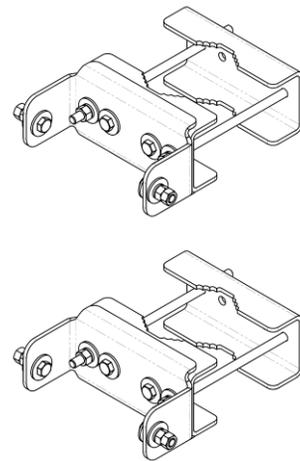
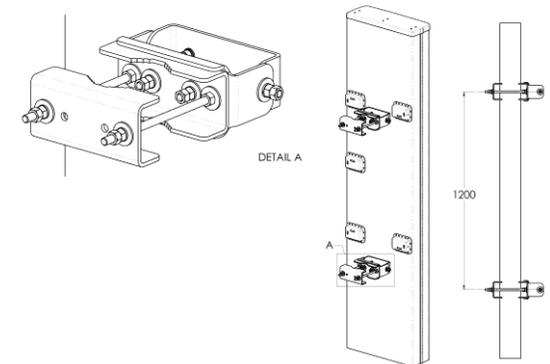


Fig. 3: Fixed Mast Brackets on Antenna w/Spacing



Step Task

- 1 Attach one fixed mast bracket to the top mounting brace, as shown in Fig. 2 and 3. Refer to the materials list shown in Fig. 1 to properly identify the required items.
- 2 Attach the other fixed mast bracket to the bottom mounting brace, as shown in Fig. 2 and 3. Refer to the materials list shown in Fig. 1 to properly identify the required items.
- 3 Adjust the position of the threaded rod on the antenna side of brackets as required. Torque nuts to 54±2.5 N·m (40±2 ft-lbs).

Step Task

- 4 Lift the antenna up to the mast location to continue assembly.
- 5 Align the antenna in the direction specified by the site engineer, with a spacing of 1200mm between the top and bottom fixed mast brackets as shown in Fig. 3. The orientation of the antenna is normal to the sector unless specifically required otherwise.
- 6 Secure the antenna to the mast and torque all mounting fasteners to 54±2.5 N·m (40±2 ft-lbs). Refer to Antenna Installation Guide.

DISCLAIMER:

The installation, maintenance, or removal of an antenna requires qualified, experienced personnel. You must refer to the appropriate local safety codes and ensure proper electrical and electromagnetic compatibility before proceeding with the installation. All local codes shall take precedence over information in this document. Antenna systems should be inspected once a year by qualified personnel to verify proper installation, maintenance, and condition of equipment. Communication Components Antennas Inc. disclaims any liability or responsibility for the results of improper or unsafe installation.