



INSTALLATION INSTRUCTIONS INTEGRATED PLANAR TRANSCEIVER

REFER TO SHEET 2 AND 3 FOR THE FOLLOWING INSTRUCTIONS.

- 1 INSERT BRACKET HANDLE ITEM 4 INTO APPROPRIATE SLOTS ON PIPE CRADLE.
INSTALL L-BOLT ITEM 3 AS SHOWN. ADJUST PIPE TO CORRECT HEIGHT AND
TIGHTEN L-BOLT.

NOTE: PROCEDURE TO TIGHTEN L-BOLT

1. SNUG FIT THE L-BOLT SO THAT THE PLANAR ANTENNA
DOES NOT MOVE DUE TO ITS GRAVITATIONAL WEIGHT.
2. TIGHTEN L-BOLT ADDITIONAL 1 1/2 TURNS FROM
THE SNUG FIT POSITION.

- 2 SEE SHEET 2 FOR HORIZONTAL POLARIZATION

- 3 SEE SHEET 2 FOR VERTICLE POLARIZATION

- 4 NOTE TO INSTALLER:
INSTALLATION AND OPERATION OF THIS FAMILY OF TRANSCEIVER PRODUCTS REQUIRE FULL
COMPLIANCE WITH FCC-ADOPTED RADIO FREQUENCY EXPOSURE LIMITS. IT IS IN THE
RESPONSIBILITY OF THE INSTALLER TO INSTALL THESE DEVICES AND THEIR ASSOCIATED
ANTENNAS SO THAT RF EXPOSURE DOES NOT EXCEED 1.0mW/cm². THE FOLLOWING
TABLE SUMMARIZES THE MINIMUM DISTANCE REQUIRED TO SATISFY THESE REQUIREMENTS.

PART NUMBER	LIMITS, MINIMUM (WHEN USED WITH 17 dBi ANTENNA GAIN)
520007-2	12 IN. (30 CM)
520024-2	12 IN. (30 CM)
520004-2	22 IN. (55CM)

MOUNT HARDWARE ITEMS

4	131189	BRACKET HANDLE
3	31178	L BOLT
2	NONE	MOUNTING TUBE (CUSTOMER SUPPLIED)
1		PLANAR TRANSCEIVER