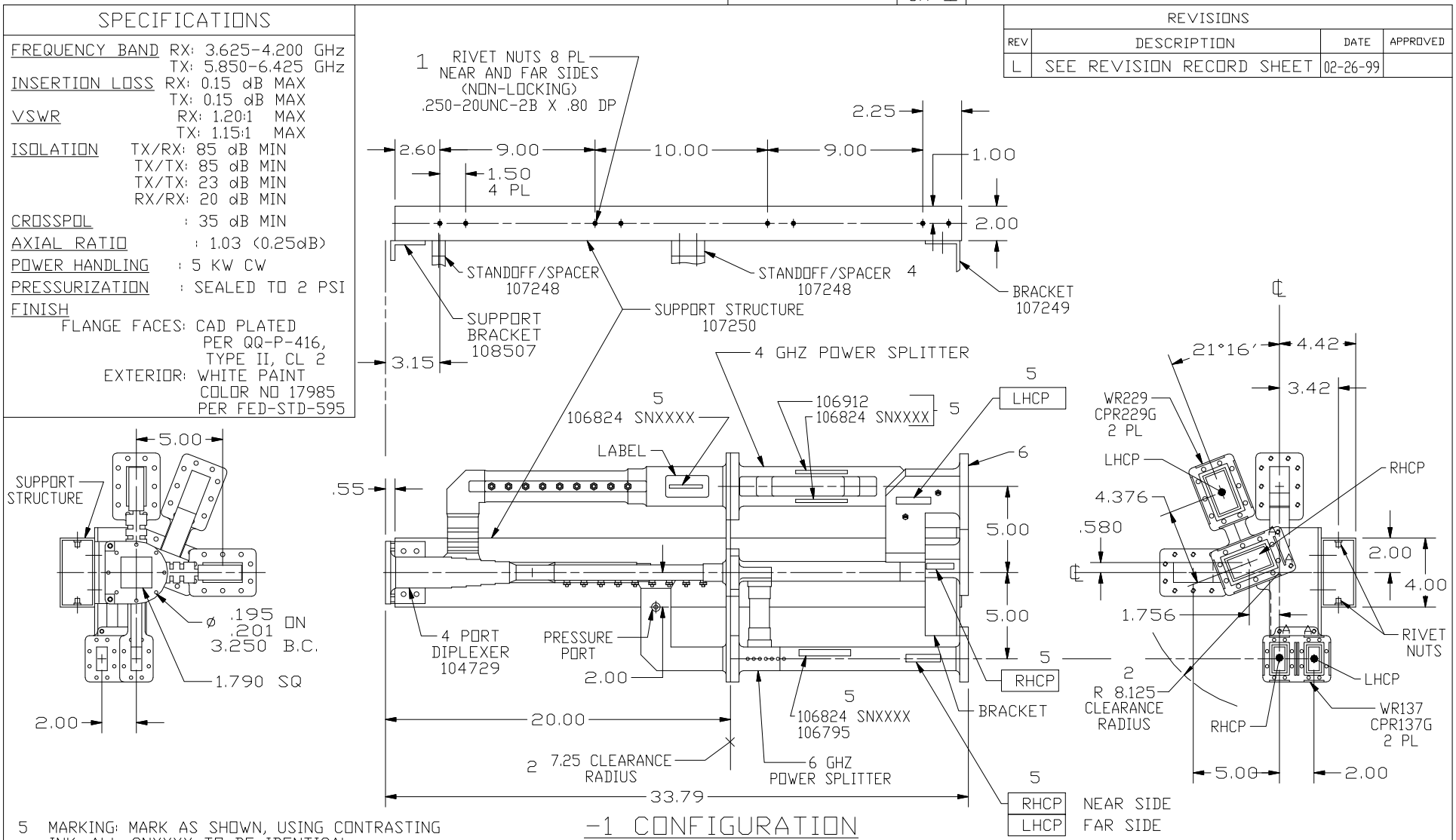
SPECIFICATIONS

FREQUENCY BAND	RX: 3.625-4.200 GHz TX: 5.850-6.425 GHz
INSERTION LOSS	RX: 0.15 dB MAX TX: 0.15 dB MAX
VSWR	RX: 1.20:1 MAX TX: 1.15:1 MAX
ISOLATION	TX/RX: 85 dB MIN TX/TX: 85 dB MIN TX/TX: 23 dB MIN RX/RX: 20 dB MIN
CROSSPOL	: 35 dB MIN
AXIAL RATIO	: 1.03 (0.25dB)
POWER HANDLING	: 5 KW CW
PRESSURIZATION	: SEALED TO 2 PSI
FINISH	
FLANGE FACES:	CAD PLATED PER QQ-P-416, TYPE II, CL 2
EXTERIOR:	WHITE PAINT COLOR NO 17985 PER FED-STD-595

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
L	SEE REVISION RECORD SHEET	02-26-99	



-1 CONFIGURATION

5 MARKING: MARK AS SHOWN, USING CONTRASTING INK. ALL SNXXXX TO BE IDENTICAL.

4 TWO (2) STANDOFFS AND A BRACKET ATTACH THE UNIT TO THE SUPPORT STRUCTURE.

3. FOUR (4) HOLES MARKED "A" ARE OUTSIDE OF FLANGE INTERFACE AND ARE USED TO ATTACH BRACKET.

2 CLEARANCE RADII ARE CENTERED ON AXIS OF MAIN ARM.

1 FOUR (4) PAIR OF MOUNTING HOLES PER SIDE PROVIDED FOR USE BY CUSTOMER TO INSTALL UNIT IN HIS FEED SYSTEM.

NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES-
SURFACE
.XX ±.02
.XXX ±.005
.XXXX ±.
ANGLES± 1°00'

MATERIAL: COPPER

FINISH

SIGNATURES		DATE
DRAWN:	A. MORA	09-16-88
CHECKED:	H. ROTHENBERG	09-16-88
ENGRG:		
ENGRG:		
MFG:		

VERTEX MICROWAVE PRODUCTS, INC.
a subsidiary of VERTEX COMMUNICATIONS CORPORATION
3111 Fujita Street, Torrance, CA 90505-4006

C-BAND 4-PORT DIPLEXER RX/TX CP, 1.03AR

SIZE	FSCM NO.	DRAWING NO.	REV
C	50478	106824	L

SCALE: NONE SHEET 1 OF 2