

SPECIFICATIONS

FREQUENCY BAND Rx: 17.70 - 20.20 GHz
Tx: 27.50 - 31.00 GHz

INSERTION LOSS Rx: 0.25 dB MAX
Tx: 0.25 dB MAX

VSWR: Rx: 1.25:1 MAX
Tx: 1.25:1 MAX

ISOLATION Rx/Tx: 85 dB MIN
Tx/Rx: 30 dB MIN

AXIAL RATIO Rx: 2.50 dB MAX
Tx: 2.50 dB MAX

POWER HANDLING: 500 W MIN

PRESSURIZATION: SEALED TO 5 PSIG

FINISH COMMON

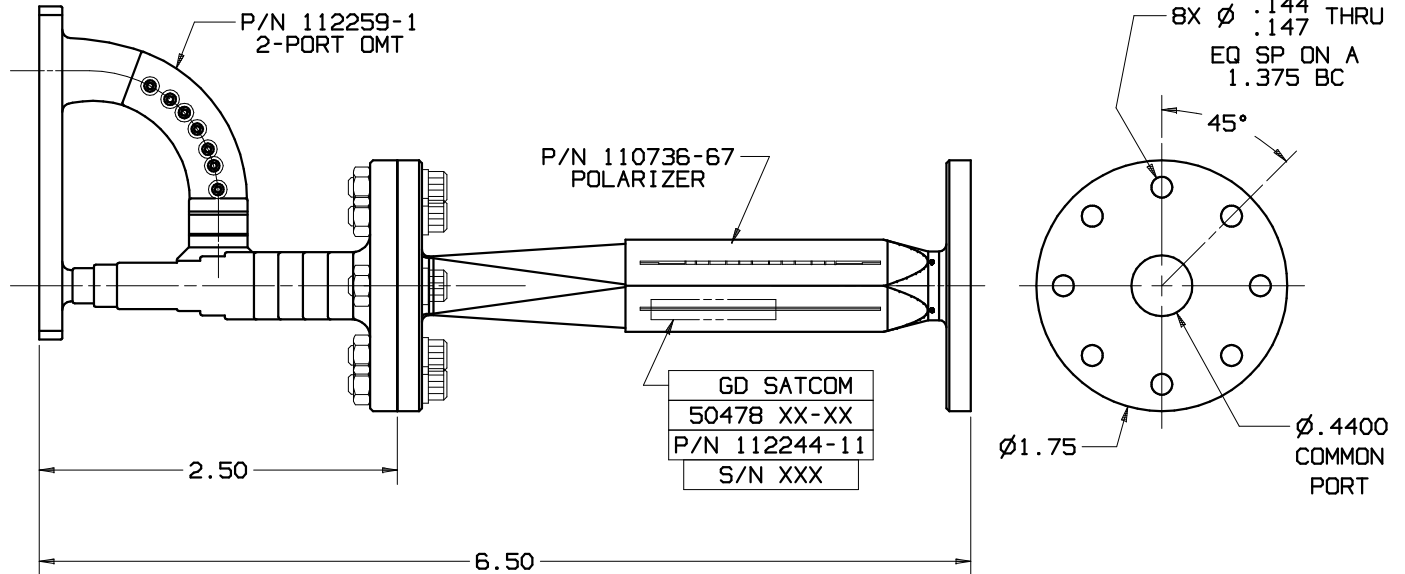
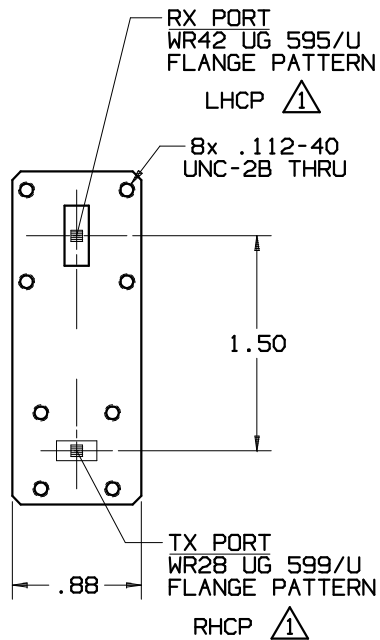
PORT FLANGE: ZINC-NICKEL PLATED PER AMS 2417G, TYPE II, CLASS 2

Rx/Tx FLANGE: COPPER ALLOY

EXTERIOR: WHITE PAINT, COLOR No.17875 PER FED-STD-595

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE		



⚠ POLARIZATION VERIFIED BY TEST
NOTES: UNLESS OTHERWISE SPECIFIED.

UNLESS OTHERWISE SPECIFIED		APPROVALS	DATE	GENERAL DYNAMICS PROPRIETARY	
INTERPRET DIMENSIONING & TOLERANCING PER ANSI Y14.5M-1982. DIMENSIONS ARE IN INCHES; DIMENSIONS SHOWN IN () ARE FOR REFERENCE ONLY. TOLERANCES ARE:		DRWN: TQVALIN	10-06-11	GENERAL DYNAMICS SATCOM Technologies 3111 Fujita St., Torrance, CA 90505, (310) 539-6704 Ka-BAND 2-PORT, DIPLEXER CIRCULAR POLARIZED	
SURFACE - TOLERANCES - 32 ✓ .XX ±.01 .XXX ±.002 .XXXX ±.0010 ANGLES ±0°30'		CHECKED: H. Spieleder	10-06-11		
MATERIAL:		ENGR:			
		MFG:			
		QA:		SIZE FSCM No. DWG No. 112244-11 REV A SCALE: 3:2 SHEET 1	
		EAR CONTROLLED: Export or re-export subject to 15 CFR 700-799.			