

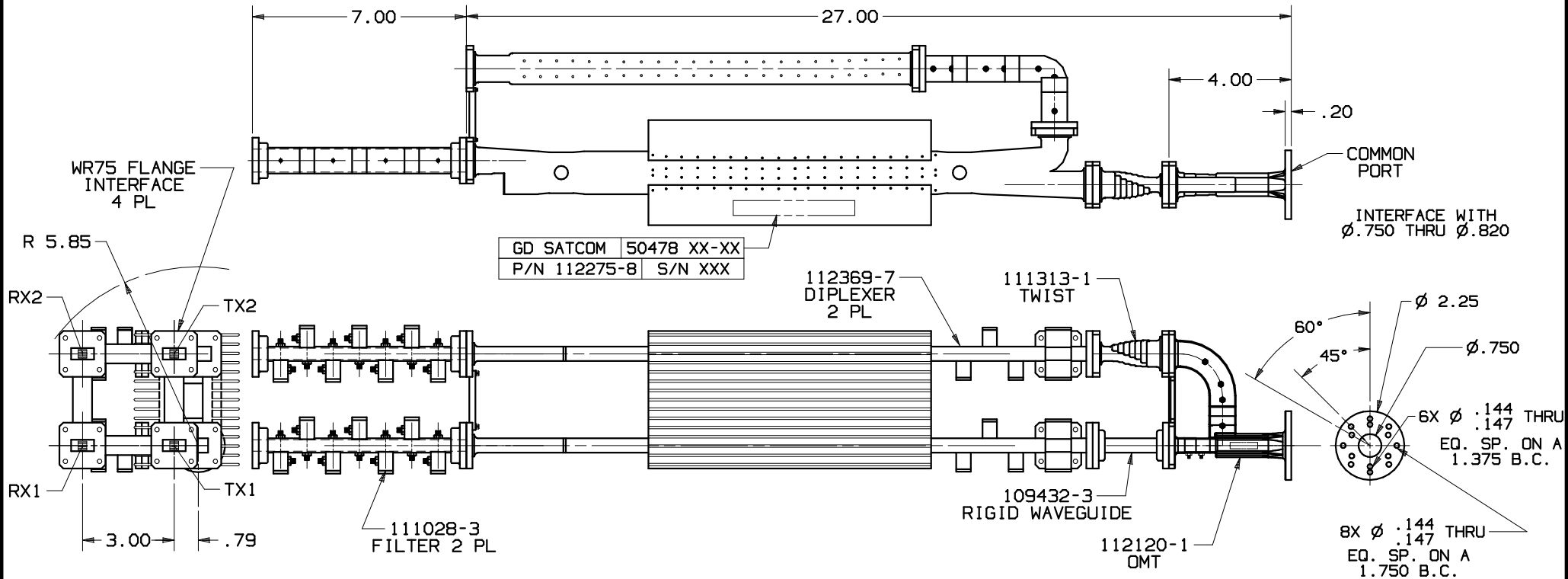
SPECIFICATIONS

REVISIONS

FREQUENCY BAND	Rx: 10.70 - 12.75 GHz Tx: 13.00 - 14.50 GHz
INSERTION LOSS	Rx: 0.80 dB MAX (0.40 dB TYP) Tx: 0.80 dB MAX (0.40 dB TYP)
VSWR	Rx: 1.25:1 MAX Tx: 1.25:1 MAX
ISOLATION	Tx/Rx: 120 dB MIN Rx/Tx: 120 dB MIN Tx/Tx: 40 dB MIN Rx/Rx: 40 dB MIN
CROSSPOL	: 40 dB MIN

POWER HANDLING : 2.0 KW CW TOTAL (1 KW PER TX PORT)
DISSIPATED POWER: 180 W TOTAL AT 2.0 KW CW
APPROX HEAT DISSIPATION AREA: 773 IN²
MAX OPER TEMP : 115°C
PRESSURIZATION : SEALED TO 5.0 PSIG.
FINISH
 COMMON PORT: CHROMATE CONVERSION COATED PER MIL-DTL-5541F, TYPE II CLASS 2
 RX AND TX PORT: CHROMATE CONVERSION COATED
 EXTERIOR: BLACK PAINT, COLOR No. 37038 PER FED-STD-595

REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE - SEE DR 10907	8-24-11	J. Kerpon



UNLESS OTHERWISE SPECIFIED DIMENSIONS & TOLERANCES ARE IN INCHES SURFACE TOLERANCES: .XX ±.01 .XXX ±.002 .XXXX ±.0010 ANGLES ±0°30' 32 ✓	APPROVALS DRAWN: TOVAL IN CHECKED: H. Spieleder RF ENGR: ENGR: MFGG:	DATE 07-15-10 07-15-10	GENERAL DYNAMICS PROPRIETARY GENERAL DYNAMICS SATCOM Technologies 3111 Fujita St., Torrance, CA 90505, (310) 539-6704 Ku-BAND 4-PORT DIPLEXER, LINEAR POLARIZED
	MATERIAL: NEXT ASSY:	EAR CONTROLLED: Export or re-export subject to 15 CFR 700-799.	