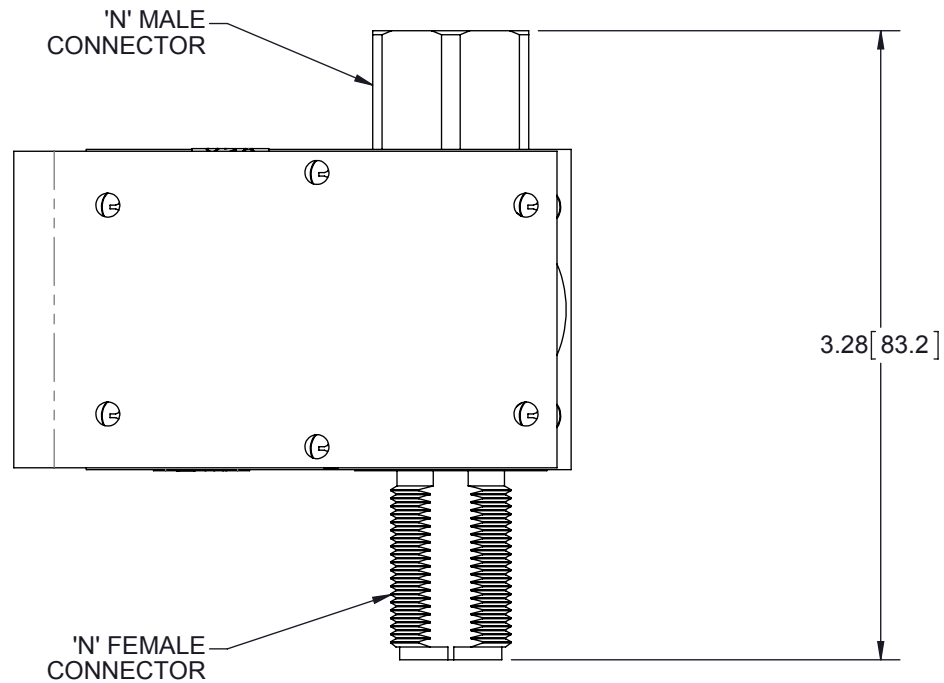
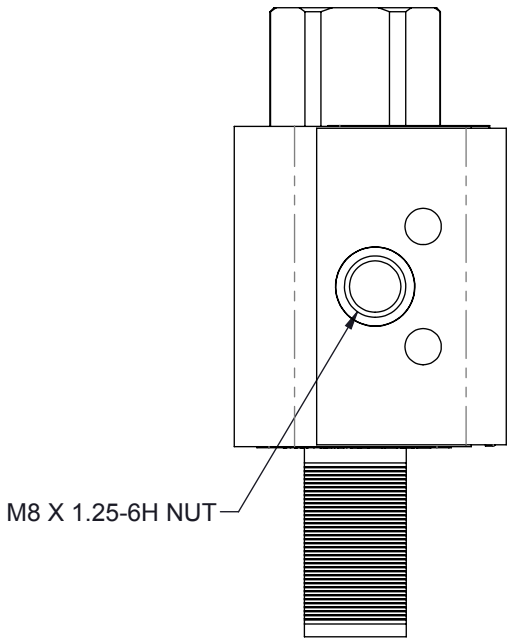
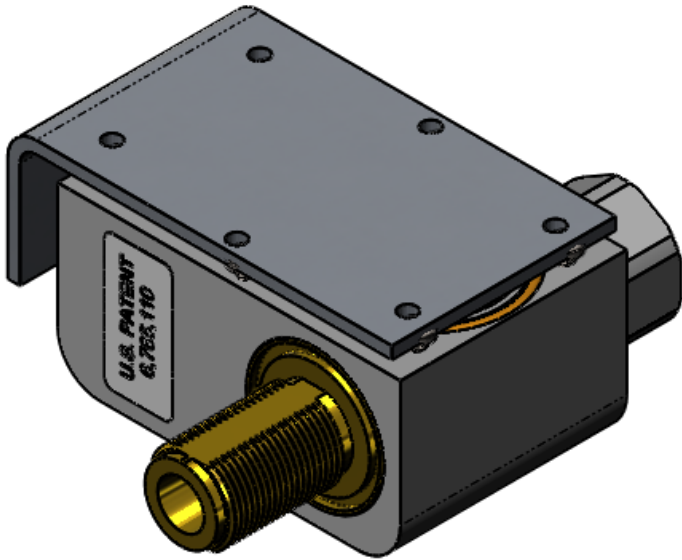


MAXIMUM CHARACTERISTICS

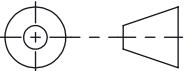
APPLICATION:
USED TO PROTECT CRITICAL COMMUNICATIONS
SUCH AS PUBLIC SAFETY AND RAIL.
WEATHERIZED, FLANGE OR BULKHEAD MOUNT
FREQUENCY RANGE:
100MHz TO 512MHz
VSWR:
≤1.1:1 OVER FREQUENCY RANGE
INSERTION LOSS:
≤0.1dB OVER FREQUENCY RANGE
POWER:
750W RMS AVERAGE
MAX. SURGE:
20kA IEC 61000-4-5 8/20μs WAVEFORM
THROUGHPUT ENERGY:
≤500nJ FOR 3kA, 8/20μs WAVEFORM
RELATIVE HUMIDITY:
TO 95%
ENVIRONMENTAL:
MEETS IEC 60529 IP67
MEETS BELLCORE #TA-NWT-000487
PROCEDURE 4.11, WIND DRIVEN (120MPH)
RAIN INTRUSION TEST.
TEMPERATURE:
-50°C TO +85°C STORAGE/OPERATING
CE COMPLIANT
RoHS COMPLIANT

HARDWARE KIT INCLUDES:

QTY	DESCRIPTION
1	NUT 5/8-24 303 HEX SS
1	WASHER 5/8 410 SS
1	SILICONE O-RING 019
1	SCREW CAP M8X1.25X10MM
1	WASHER 5/16 EXT 18-8 SS

CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS TOLERANCES: FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1 ° .XXX=± .010		DRAWN SH	DATE 6/11/03			
		ENG APPD RCD	6/27/03			
		PRODUCT MGR NT	6/26/03			
		MARKETING APPD SJD	6/27/03			
MATERIAL		PROJECT NO.		TITLE 100-512MHz VHF COMB 750W CUSTOMER SPECIFICATION		
THIRD-ANGLE PROJECTION 		NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSECTOR SYSTEMS. ALL RIGHTS RESERVED.		SIZE B	CAGE 61114	PART NUMBER VHF50HN-MA
				SCALE 1:1	PROD CAT RFP	REV F
				DOCUMENT NAME VHF50HN-MA-C		
				SHEET 1	OF 1	

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