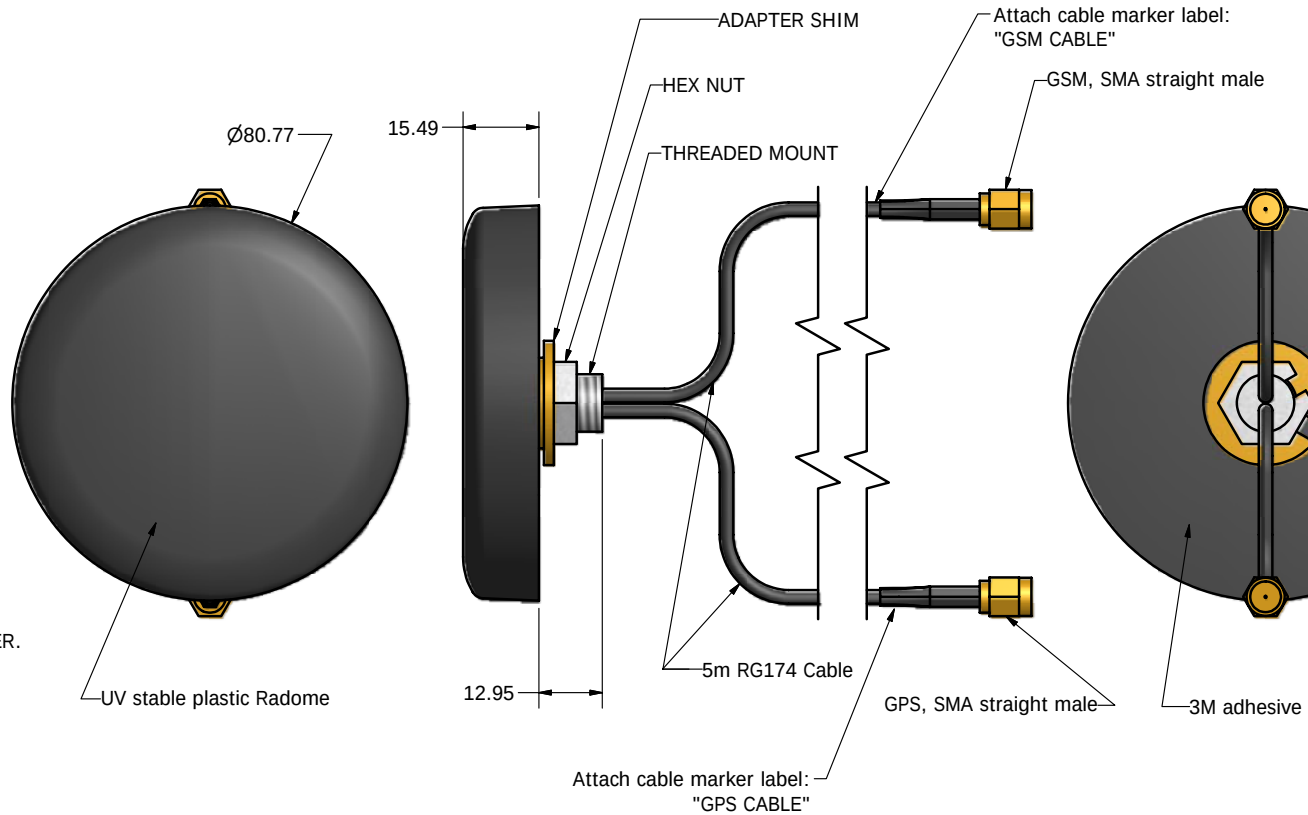


NOTES: UNLESS OTHERWISE SPECIFIED

1. NAME: GPS/GSM MULTI-BAND THROUGH HOLE LOW PROFILE ANTENNA
2. GPS ANTENNA ELECTRICAL SPECIFICATIONS:
 - A. CENTER FREQUENCY:
L1: 1575.42 +/- 3 MHz
 - B. LNA GAIN:
25 +/- 3 dB
3. GSM ANTENNA SPECIFICATIONS:
 - A. OPERATING FREQUENCIES:
824 - 896 MHz
1710 - 1990 MHz
4. VSWR:
 - A. GPS: < 1.5:1
 - B. GSM: < 2.5:1
5. CABLE:
 - A. GPS: 17 FEET (5 METER) RG-174/U
 - B. GSM: 17 FEET (5 METER) RG-174/U
6. CONNECTOR:
 - A. GPS: MALE SMA
 - B. GSM: MALE SMA
7. MOUNT METHOD:
 - A. 1/2 INCH THROUGH HOLE MOUNT (MOUNT ASSEMBLY INCLUDES FLAT ADAPTER SHIM FOR INSTALLATIONS ON EXISTING LARGER HOLE DIAMETERS.)
 - B. ADHESIVE VHB TAPE LAYER INCLUDED.
8. ADD ANTENNA INSTALLATION INSTRUCTION MIS-GPSGSMMSMA PACKED WITH ANTENNA.
9. LABEL PACKAGE BOX WITH ANTENNA PART NUMBER.



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (DIMENSIONS ARE IN mm) FOR TOLERANCES NOT SPECIFIED USE: X.X in ± .1 in, X.XX in ± .01 in, X.XXX in ± .005 in [X mm ± 3 mm], [X.X mm ± .3 mm], [X.XX mm ± .13 mm] ANGULAR ± 2°, FRACTIONAL ± 1/64 THIRD ANGLE PROJECTION  PCTEL CONFIDENTIAL PROPRIETARY THE INFORMATION CONTAINED IN THIS DOCUMENT IS PCTEL CONFIDENTIAL. IT MAY NOT BE USED OR REPRODUCED WITHOUT THE EXPRESS WRITTEN PERMISSION OF PCTEL, INC.	DRAWN DATE 2/8/2008	 PCTEL, INC. BROADBAND TECHNOLOGY GROUP ANTENNA PRODUCTS 471 BRIGHTON DRIVE BLOOMINGDALE, IL 60108 PH. 630-372-6800 FAX. 630-372-8077
	CHECKED DATE	
	APPROVED DATE	
	MATERIAL: UV stable plastic Radome	
FINISH:		DESCRIPTION 824-894, 1710-1990 MHZ, GPS STUD MNT ANT
		DRAWING NO. GPSGSMMSMA
SIZE B	SCALE 1 : 1	SHEET 1 OF 1