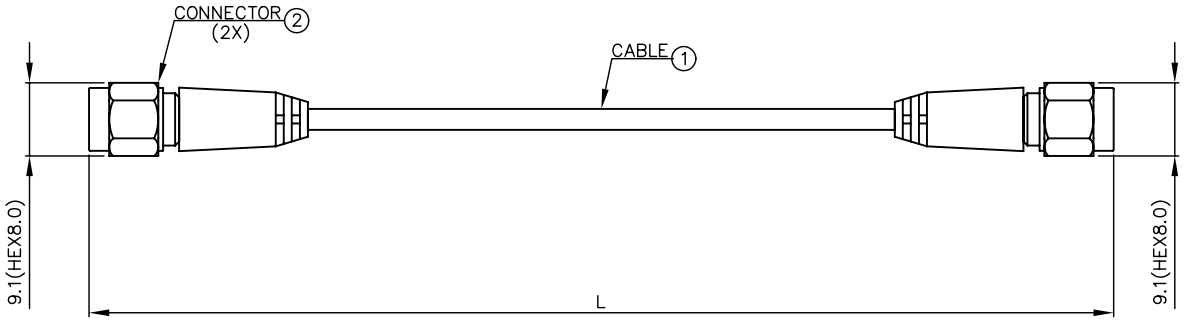
REV	DESCRIPTION	Date	APPROVED
A	PRODUCTION RELEASE	01/15/09	

RoHS



NOTES:
1. CABLE ASSEMBLY
   A. ELECTRICAL
      1. IMPEDANCE: 50 Ohm.
      2. FREQUENCY RANGE: DC~2GHz.
      3. WORKING VOLTAGE: 250 V max.
      4. DIELECTRIC WITHSTANDING VOLTAGE: 750 Vrms min.
      5. INSULATOR RESISTANCE: 50M Ohm min.
      6. VSWR: 1.5 : 1 max.
      7. INSERTION LOSS: −1.5 dB/M max.
2. SMA CONNECTOR
   A. ELECTRICAL
      1. INPENDANCE: 50 Ohm.
      2. FREQUENCY RANGE: 0 −12.4 GHz ON FLEXIBLE CABLE, 0 −18 GHz ON SEMI−RIGID CABLE.
      3. WORKING VOLTAGE: 0.085" : 250 Vrms max.
      4. DIELECTRIC WITHSTANDING VOLTAGE: 0.085" : 750 Vrms min.
      5. CONTACT RESISTANCE: CENTER CONTACT: 6 Milliohms max.
         OUTER CONTACT: 2 Milliohms max.
      6. INSULATOR RESISTANCE: 5000 Megohms min.
   B. MATERIAL:
      1. BODY. METAL PARTS: BRASS PER QQ−B−626. FINISH: GOLD 3 Micro−inches.
      2. CENTER CONTACTS: MALE: BRASS PER QQ−B−626. FINISH: GOLD 30 Micro−inches.
      3. INSULATORS: TEFLON
      4. CRIMP FERRUTES: ANNEALED BRASS. FINISH: GOLD 3 Micro−inches.
      5. CLAMP GASKETS: SILICONE RUBBER.
   C. MECHANICAL & ENVIROMENTAL
      1. ENGAGEMENT FORCE: 2 in−lbs. max.
      2. DISENGAGEMENT FORCE: 2 in−lbs. max.
      3. COUPLING NUT RETENTION: 60 lbs. min.
      4. COUPLING PROOF TORQUE: 15 in−lbs. min.
      5. CONTACT RETENTION: 6 lbs. min.
      6. TEMPERATURE RANGE: −65°C TO 165°C
      7. VIBRATION: MIL−STD−202 METHOD 204 TEST COND. B.
3. PACKAGING: 1PC/BAG.

GMPAMAM005	5
GMPAMAM003	3
GMPAMAM002	2
GMPAMAM001	1
CBS P/N	LENGTH(FT)

NO.	ITEM	Q'TY	DESCRIPTION
2	CONNECTOR	2PCS	SMA, MALE, WITH MOLDED SR.
1	CABLE	1PC	UL 1979 #26−7/0.17A COAXIAL CABLE (RG316/U)−XLPE, 50Ω.

Approved by: _____ Title: _____ Date: _____

UNLESS OTHERWISE SPECIFIED DIMENSION TOLERANCES ARE

DECIMALS: .X +/− .050; .XX +/− .010; .XXX +/− .005
ANGULAR +/− 0.5

DO NOT SCALE DRAWING

CABLESYS
14700 E ALONDRA BLVD, LA MIRADA, CA 90638 WWW.CABLESYS.COM

50Ω RG316/U SMA 180° MALE SMA 180° MALE

DESIGNER	DMP	SIZE	A	FILE NO.	OFF SHELF CABLE\MINICOAX\GMPAMAMXXX	REV.	A
DRAFTSMAN	H.W	UNIT	MM	PAGE NO.	1/1	ITEM NO.	GMPAMAMXXX
APPROVED BY		SCALE	NTS	DATE	01/15/09	DWG NO.	PAMAMXXX