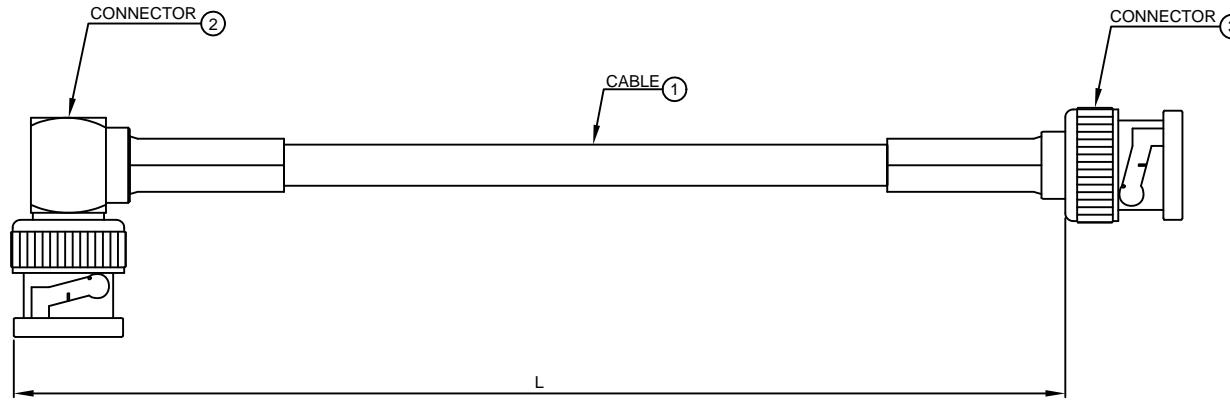


REV	DESCRIPTION	Date	APPROVED
A	PRODUCTION RELEASE	01/15/09	
B	CORRECT DESCRIPTION	01/19/12	



NOTES:

1. CABLE ASSEMBLY

A. ELECTRICAL

1. IMPEDANCE: 50 Ohm.
2. FREQUENCY RANGE: DC-2GHz.
3. WORKING VOLTAGE: 1000 V max.
4. DIELECTRIC WITHSTANDING VOLTAGE: 2000 Vrms min.
5. INSULATOR RESISTANCE: 50M Ohm min.
6. VSWR: 1.5 : 1 max.
7. INSERTION LOSS: -0.8 dB/M max.

2. BNC CONNECTOR

A. ELECTRICAL

1. INPENDANCE: 50 Ohm.
2. FREQUENCY RANGE: 0 - 4 GHz.
3. WORKING VOLTAGE: 500 Vrms max.
4. DIELECTRIC WITHSTANDING VOLTAGE: 1500 Vrms min.
5. CONTACT RESISTANCE: CENTER CONTACT: 3 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: NICKEL 70 Micro-inches.
2. CENTER CONTACTS: MALE: BRASS PER QQ-B-626. FINISH: GOLD 3 Micro-inches.
3. INSULATORS: TEFLON, DELRIN.
4. CRIMP FERRUTES: ANNEALED BRASS. FINISH: NICKEL 70 Micro-inches.
5. CLAMP GASKETS: SILICONE RUBBER.

C. MECHANICAL & ENVIROMENTAL

1. ENGAGEMENT FORCE: 2.5 in-lbs. max. torque.
2. DISENGAGEMENT FORCE: 3 lbs. max. axial force.
3. COUPLING NUT RETENTION: 100 lbs. min.
4. CONTACT RETENTION: 6 lbs. min.
5. TEMPERATURE RANGE: -65°C TO 165°C
6. VIBRATION: MIL-STD-202 METHOD 204 TEST COND. B.

3. PACKAGING: 1PC/BAG.

GMSEMER005	5
GMSEMER003	3
GMSEMER002	2
GMSEMER001	1
CBS P/N	LENGTH(FT)

3	CONNECTOR	1PC	BNC, MALE.
2	CONNECTOR	1PC	BNC 90°, MALE.
1	CABLE	1PC	#20-0.8 COAXIAL CABLE (RG58/U)-PE, 50 Ω.
NO.	ITEM	QTY	DESCRIPTION

UNLESS OTHERWISE SPECIFIED  
DIMENSION TOLERANCES ARE

DECIMALS		ANGULAR
.X	+/- .050	+/- 0.5
.XX	+/- .010	
.XXX	+/- .005	

DO NOT SCALE DRAWING

**CABLESYS**

14700 E ALONDRA BLVD, LA MIRADA, CA 90638

WWW.CABLESYS.COM

50 Ω RG58/U BNC 180° MALE BNC 90° MALE

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

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_