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REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
E	ECN 4141: REVISE LENGTH TOL. AND SECONDARY PACKAGING NOTES	7/27/09	D.FRISIELLO

RG58C/U (50 Ohm)



Conductor

Number of conductors	1
RG Type	58C/U
AWG	20
Stranding	19/32
Conductor Diameter	Ø 0.032"
Conductor Material	Tin Plated Copper

Insulation

Insulation Material	Solid Polyethylene
Insulation Diameter	Ø 0.116"

Outer Shield

Outer Shield Type	Braid
Layer 1 Material	Tinned Copper
Outer Shield % Coverage	95%

Outer Jacket

Outer Jacket Material	RoHS Compliant PVC – Polyvinyl Chloride
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Overall Nominal Diameter

Overall Nominal Diameter	Ø .196"
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Mechanical Characteristics

Operating Temperature Range	-20°C to +80°C
UL Temperature Rating	80°C
Maximum Recommended Pulling Tension	50lbs.
Minimum Bend Radius (install)	2.0"

Electrical Characteristics

Nom. Characteristic Impedance	50 Ohms
Nom. Inductance	0.097 µH/ft
Nom. Capacitance Conductor to Shield	16.1 pF/ft
Nom. Velocity of Propagation	84%
Nom. Delay	1.21 ns/ft
Nom. Conductor DC Resistance @ 20°C	10 Ohms/1000ft
Nom. Outer Shield DC Resistance @ 20°C	3.2 Ohms/1000ft

Nominal Attenuation


MHz	Db/100ft
50	3.3
100	4.9
200	7.3
400	11.5
1,000	21.5

MODEL (RG58C)	PRIMARY PACKAGING	SECONDARY PACKAGING	LENGTH (+10%/-0%)
RG58C-100	COIL	LOGO BAG	100 FT.
RG58C-500	SPOOL	STRETCH WRAP, CARD BOARD, OR OTHER	500 FT.
RG58C-1K	SPOOL	STRETCH WRAP, CARD BOARD, OR OTHER	1,000 FT.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES TOLERANCES ARE:
 X ±1
 .XX ±.05
 .XXX ±.005
 CABLE LENGTH TOLERANCE
 <300" ±5% >300" ±2%

APPROVALS	DATE
DRAWN BY C.MCCORMICK	06/29/2005
CHECKED BY D.PARHAM	06/29/2005
APPROVED BY R.CARRICK	06/29/2005

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

		45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845	
PRODUCT DESCRIPTION RG58C/U COAXIAL CABLE			
DRAWING TITLE CABLE SPECIFICATION			
SIZE A	FSCM NO. 43321	DWG. NO. RG58C-LCS	REV. E
SCALE: 1:1		CAD FILE: RG58C-LCS.SLDDRW	
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