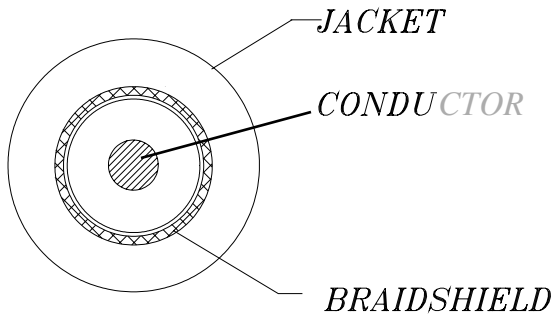
CABLE SYSTEMS

PRODUCT SPECIFICATION:	RG-59

CROSS SECTION



MARKING

Jacket Marking (Black)

ICE CABLE SYSTEMS RG-59/U 20AWG BARE COPPER CENTER 95% SHIELD E312434 (UL) OR C(UL) CM 75C CAMERA: FRONT DOOR GATE POOL SIDE A SIDE B PERIMETER 1 2 3 4 5 6 "ROHS" WALL: N S E W "ROHS" #XXXX/#XXXX FT.

"#XXXX/#XXXX" Stands for Length.
ie: #1000/#0000; #0996/#0004; #0992/#0008...

DESCRIPTION

Rated Voltage (V)	300
Rated Temperature (°C)	75
Product Standard Certification	UL, c(UL), CM
Flame test	FT4

Application:
Telephone and other communication circuits such as voice, data, and audio for on-premise customer systems.

Reference Standard: UL 444 & the customer's specification

CONSTRUCTION

Conductor:	Solid Bare Copper
Component:	1C
AWG	20
Construction (mm)	1/0.8
Solid Dia. (mm)	0.8
Insulation:	FOAM PE
Nom. Thickness (mm)	1.3
Insulation Dia. (±0.05mm)	3.6
Shield:	
Coverage (%)	"#"
Braided Shield:	Aluminum
Construction (mm)	16/10/0.12
Coverage (%)	≥95%
Jacket:	PVC
Nom. Thickness (mm)	0.7
Outer Dia. (±0.10mm)	6.1

REVISION HISTORY

COLOR & PACKAGING

Insulation:	PVC
Component:	Nature
Jacket:	White or Black
Packaging:	1000ft BMP Box

PERFORMANCE

Electrical Characteristics: (20°C)
Coaxial:
DCR: 32.8(Ω/km)
Capacitance: 16.2 pF/FT
SRL: 5-1000MHz ≤ 20 dB
Impedance: 75±3Ω

ATTENUATION

MHz	dB/100FT
1	0.29
3.6	0.55
10	0.87
71.5	2.1
135	2.70
270	3.80
360	4.40
720	6.50
1000	7.80

Mechanical Characteristics:

Test Object	Jacket
Test Material	PVC
Before Tensile Strength (kg/mm^2)	≥1.05

CABLE SYSTEMS
1521 Pontius Ave., Los Angeles, CA 90025
Email: info@icecable.com Web: http://www.icecable.com
Tel: 310.444.1950 Fax: 310.444.1966

Sample No. Revision	- A	Spec No.	51214-A
Date	12/27/2006	Page	1 of 1
Designed by	Approved by		
BR	Brian Rizzo		