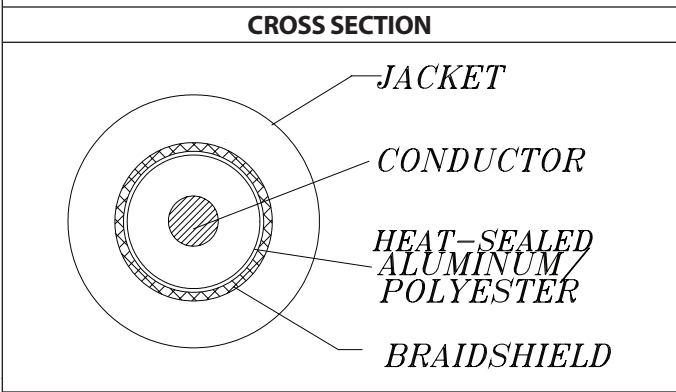


PRODUCT SPECIFICATION: **RG-59/HDTV Serial Digital**



COLOR & PACKAGING

Insulation: PVC

Component: Nature

Jacket: Blue (Pantone: 3005 U), Red (Pantone: 032 U), Green (Pantone: 334 U), Yellow (Pantone: PMS Yellow U), White (Pantone: PMS White)

Packaging: 500ft BMP Box

MARKING

Jacket Marking (Black)

ICE CABLE SYSTEMS RG-59U BROADCAST GRADE HDTV SERIAL DIGITAL CABLE SWEPT TO 3GHZ 20AWG E312434 75OHM (UL) OR c(UL) CM ROOM: ENT KIT FAMLDR DR OFF POO PAT MBR MBA BR1 BR2 BR3 BR4 GAR GYM WALL: N S E W "ROHS" XXXX/XXXX FT "XXXX/XXXX" Stands for Length.
ie: 001/499; 002/0498; 003/497...

PERFORMANCE

Electrical Characteristics: (20°C)	ATTENUATION	
	MHz	dB/100FT
Coaxial:		
DCR: 8.72(Ω/km)	5	0.87
Capacitance: 16.2 +/-1.5pF/FT	55	2.10
SRL: 5-1000MHz ≤ 21 dB	187	3.61
SRL: 1000-2200MHz ≤ 20 dB	250	4.11
Impedance: 75±3Ω	350	4.81
	500	5.71
	750	6.98
	865	7.53
	1000	8.32
	1500	10.80
	2250	13.70
	3000	16.20

DESCRIPTION

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

Application:
Communication circuits such as video transmission, voice, data, and audio for on-premise customer systems.

Reference Standard: UL 444

Mechanical Characteristics:

Test Object	Jacket
Test Material	PVC
Before Tensile Strength (kg/mm ²)	≥1.06

CONSTRUCTION

Conductor:	Solid Bare Copper
Component:	1C
AWG	20
Construction (mm)	1/0.81
Solid Dia. (mm)	0.81+/-0.005
Insulation:	FOAM PE
Nom. Thickness (mm)	1.42
Insulation Dia. (±0.05mm)	3.66
Shield:	Bonded Aluminum/Polyester
Coverage (%)	≥125%
Braid Shield:	Tinned copper
Construction (mm)	16/7/0.16T
Coverage (%)	≥95%
Jacket:	PVC
Nom. Thickness (mm)	0.9
Outer Dia. (±0.10mm)	6.10


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REVISION HISTORY

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Sample No.	-	Spec No.	51211-A
Revision	A		
Date	08/22/2007	Page	1 of 1
Designed by	Approved by		
BR	Brian Rizzo		