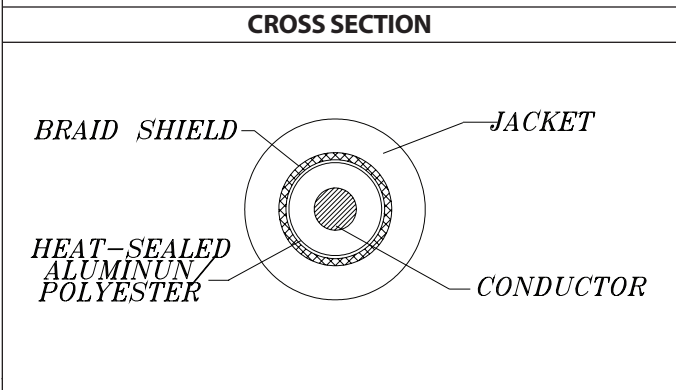


PRODUCT SPECIFICATION: **RG-6/HDTV Serial Digital**



COLOR & PACKAGING

Insulation:	PVC
Component:	Nature
Jacket:	Black (Pantone: Black)
Packaging:	500ft BMP Box

MARKING

Jacket Marking (Black)

ICE CABLE SYSTEMS RG-6U BROADCAST GRADE HDTV SERIAL DIGITAL CABLE SWEPT TO 4.5GHZ 18AWG 750HM E312434-22 (UL) CM OR c(UL) CMG FT4 75C ROOM: ENT KIT FAM LR 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: 6.52 (Ω/1000FT)	1	0.28
Capacitance: 16.2±2 pF/FT	10	0.77
SRL: 23dB Min, 5 - 850 MHZ	50	1.53
21dB Min, 851 - 3000 MHZ	100	1.98
18dB Min, 3000 - 4500 MHZ	200	2.73
Impedance: 75±3Ω	400	3.90
	700	5.24
	1000	6.35
	1450	7.75
	2200	9.74
	3000	11.64
	3500	12.74
	4000	13.78
	4500	14.78
Temperature:	-20°C to 75°C	
Velocity of Propagation:	82%	
Mechanical Characteristics:		
Test Object	Jacket	
Test Material	PVC	
Max. Jacket Tensile Strength (kgf/mm ²)	≥1.05	

DESCRIPTION

Rated Voltage (V)	300
Rated Temperature (°C)	75
Product Standard Certification	(UL) CM or c(UL) CMG
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	18
Construction (mm)	1/1.02
Solid Dia. (mm)	1.02
Insulation:	FOAM PE
Nom. Thickness (mm)	1.7
Insulation Dia. (±0.05mm)	4.57
Shield:	Heat-Sealed Aluminum/Polyester
Coverage (%)	≥125%
Braid Shield:	Tinned copper
Construction (mm)	16/9/0.12T
Coverage (%)	≥95%
Jacket:	PVC
Nom. Thickness (mm)	0.85
Outer Dia. (±0.10mm)	6.9


 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.	-	Spec No.	56921-A
Revision	A		
Date	03/27/2013	Page	1 of 1
Designed by	Approved by		
BR	Brian Rizzo		

REVISION HISTORY

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