

Product Specification

ICE-RG-6/HDTV Serial Digital

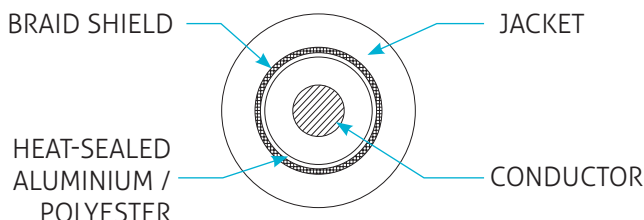


Packaging



Box 500 Ft.

Cross Section



Description

ICE-RG-6/HDTV Serial Digital 18AWG.

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

Performance

Electrical Characteristics (20°C) Coaxial:	Attenuation	
	Mhz	dB/100FT
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±3	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%
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Mechanical Characteristics

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

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. (±0.15mm)	6.9

Insulation/Conductor Colors

Component	Nature
Jacket Colors:	Black (Pantone: Black)

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



CL3 FT4

Sequential footmarks applied every four feet in conjunction with the print legend. "XXX/XXX" Stands for Length. eg: 000/1000; 004/0996; 008/0992.