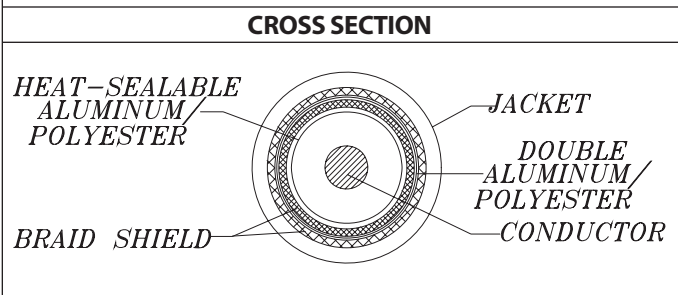


**PRODUCT SPECIFICATION: RG-6QS/CCS**



**MARKING**

**Jacket Marking (Black)**

ICE CABLE SYSTEMS RG-6 QUAD SHIELD BROADBAND CABLE  
 SWEPT TO 3.0GHZ 18AWG E312434 (ETL) OR c(ETL) CM APP: SAT  
 CABLE 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: 0001/0999; 0002/0998; 0003/0997...

**DESCRIPTION**

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

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

**Reference Standard:** UL 444

**CONSTRUCTION**

<b>Conductor:</b>	Copper Clad Steel
AWG	18
Construction (mm)	1/1.02
Solid Dia. (mm)	1.02 +/- .005
<b>Insulation:</b>	FOAM PE
Nom. Thickness (mm)	1.77
Insulation Dia. (±0.05mm)	4.57
<b>Shield:</b>	Bonded Aluminum/Polyester
Coverage (%)	≥125%
<b>Braid Shield:</b>	AL-MG-Alloy
Construction	16/4/0.16U
Coverage (%)	≥60%
<b>Shield:</b>	Double Sided Aluminum
Coverage (%)	≥125%
<b>Braid Shield:</b>	AL-MG-Alloy
Construction	16/3/0.16U
Coverage (%)	≥40%
<b>Jacket:</b>	PVC
Nom. Thickness (mm)	0.8
<b>Outer Dia. (±0.10mm)</b>	7.3

**COLOR & PACKAGING**

**Insulation:** PVC

**Component:** Nature

**Jacket:** Black or White (Pantone: PMS Black or PMS White)

**Packaging:** 1000ft BMP Box or Spool

**PERFORMANCE**

<b>Electrical Characteristics: (20°C)</b>	<b>ATTENUATION</b>	
<b>Coaxial:</b>	MHz	dB/100FT
DCR: 31 (Ω/1000FT)	5	0.64
Capacitance: 16.2±1.5pF/FT	50	1.46
SRL: 5-1000 MHz ≤ 21 dB	100	2.06
1000-2200 MHz ≤ 20 dB	200	2.83
Impedance: 75±3Ω	400	3.71
	700	4.95
	900	5.62
	1000	6.12
	2000	9.86
	2500	9.97
	3000	11.52

Voltage: 300 Volts RMS  
 Temperature: -20°C to 75°C  
 Dielectric Strength: AC-550V/1 Min

**Mechanical Characteristics:**

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

  
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Designed by	Approved by		
BR	Brian Rizzo		