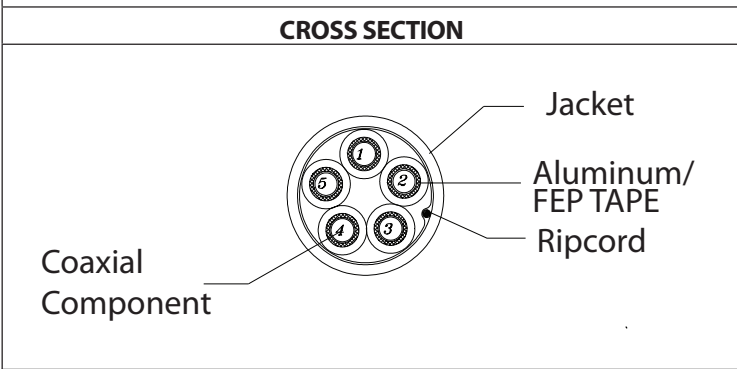


**PRODUCT SPECIFICATION:**      RGB5/Plenum



**MARKING**

Jacket marking (White)  
ICE CABLE SYSTEMS RGB5/PLENUM MINIATURE 75Ω RGBHV  
CABLE E312434-22 C(UL)US TYPE CMP 75°C 25AWG RoHs  
XXXXFT  
"XXXX" Stands for Length eg:1000;0998;0996....  
(NO UL APPLY)

**DESCRIPTION**

Rated Voltage (V)	300
Rated Temperature (°C)	75
Product Standard Certification	C(UL)US CMP
Flame Test	UL 910,NFPA 262,CSA FT6

**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**

<b>Conductor</b>	<b>Solid Bare Copper</b>
<b>Component: 1/0.46x5COAX</b>	<b>5C</b>
AWG	25AWG
Construction (mm)	1/0.46
Solid Dia. (±0.007mm)	0.46
<b>Insulation</b>	Foam FEP
Nom. Thickness (mm)	0.67
Insulation Dia. (±0.05mm)	1.88
<b>Shield</b>	Aluminum/FEP Tape, With Foil Facing Out
Coverage (%)	≥125%
<b>Spiral Shield</b>	Tinned Copper
Construction(±0.005mm)	56±3/0.10T
Coverage (%)	≥90%
<b>Jacket: Each Coaxials</b>	CMP-PVC
Nom. Thickness (mm)	0.25
Outer Dia. (±0.1mm)	2.69
<b>Ripcord</b>	400Dkevlar
<b>Jacket:</b>	CMP-PVC
Nom.Thickness(±0.14mm)	0.41
<b>Outer</b> Dia. (±0.15mm)	8.0

**COLOR & PACKAGING**

Insulation:                      Foam FEP: Nature

Coaxial Jacket:      Red(PMS:187C)      Green(PMS:347U)

Jacket:                      Black

**PERFORMANCE**

Electrical Characteristics(20°C)	ATTENUATION	
Coaxial:	MHz	dB/100FT
DCR: 111.52(Ω/km)	100	5.10
Capacitance: 16.0 pF/FT	200	7.10
SRL:5-450 MHz      17dB	400	10.50
Impedance: 75±3Ω	1000	17.90
Temperature:	-10°C to 75°C	
Velocity of Propagation:	83%	
Mechanical Characteristics: Test Object	Jacket	
Test Material	CMP-PVC	
Before Tensile Strength (kg/mm2)	≥1.05	

  
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.	59392-A
Revision	A		
Date	06/02/2010	Page	1 of 2
Designed by	Approved by		
BR	Brian Rizzo		

**REVISION HISTORY**