

Part Number: E2036S

Revision: 9/10/2014

**6C 18AWG SR-PVC, OAS, PVC**

**SOUND, ALARM AND SECURITY CABLE**

**A. CONSTRUCTION**

**DIAMETERS (Nominal)**

Conductor:	#18 AWG (7/26) Bare Copper	.046"
Insulation:	.008" Wall, Semi-Rigid Polyvinyl Chloride (SR-PVC)	.062"
Cable Assembly:	6C (5 around 1) with a 2.75" LHL	.186"
Overall Shield:	Aluminum/Polyester Tape (Foil Out)	.191"
Drain Wire:	#22 AWG (7/30) Tinned Copper	
Ripcord:	Polyester	
Jacket:	.015" Wall, Polyvinyl Chloride (PVC)	.221" ± .011"
Print Legend:	<b>CAROL (R) 18 AWG -- E2036S -- 75C E60233-8 (UL) CL3R OR FPLR -- (UL) C(UL) CMR -- ROHS -- MADE IN USA (date code - MM/YY) (sequential footage)</b>	
Sequential Footage:	Yes.	

**B. INDUSTRY APPROVALS**

National Electrical Code	Article 725
UL Standard 13	Type CL3R
National Electrical Code	Article 726
UL Standard 14	Type CL3R
National Electrical Code	Article 800
UL Standard 444	Type CMR
EU Directive 2011/65/EU (RoHS-2)	RoHS Compliant

**C. ELECTRICAL PROPERTIES**

Temperature:	-20°C to +75°C
Suggested Working Voltage:	300 Vrms (Max)
Conductor DCR:	6.66 Ohms/1000ft @ 20°C (Max)
Shield Resistance:	16.9 Ohms/1000ft @ 20°C (Nom)
Capacitance (Cond-Cond):	43.7 pF/ft. @ 1 kHz (Nom)
Capacitance (Cond-Shield):	78.7 pF/ft. @ 1kHz (Nom)
Characteristic Impedance:	39 Ohms @ 1MHz (Nom)

**D. COLOR CODE**

ITEM	COLOR
1	BLACK
2	RED
3	WHITE
4	GREEN
5	BROWN
6	BLUE

**E. CUSTOMER APPROVAL**

Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_