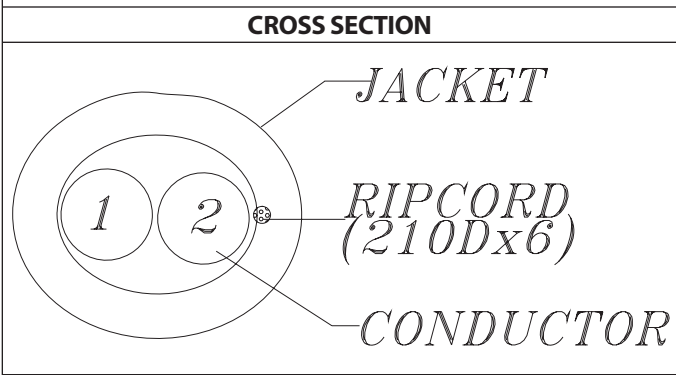


PRODUCT SPECIFICATION: 22-2/Solid



COLOR & PACKAGING

Insulation:	PVC
Component:	1. Black 2. Red
Jacket:	White (Pantone: White)
Packaging:	1000ft BMP Box

MARKING

Jacket Marking (Black)

ICE CABLE SYSTEMS 22-2 SOLID CORE ALARM CABLE
 22AWG 2C E301442-22 (UL) CL3 LOCATION: FRONT DR
 BACK DR GATE POOL SIDE A SIDE B PERIMETER 1 2 3 4 5 6
 ROOM: ENT KIT FAM LR DR OFF PAT MBR BR1 BR2 GAR
 "ROHS" XXXX/XXXX FT
 "XXXX/XXXX" Stands for Length.
 ie: 0000/1000;0004/0996; 0008/0992...

PERFORMANCE

Electrical Characteristics:	(20°C)
Max. Conductor DC Resistance (Ω/KM)	#22:54.3
Voltage:	300 Volts RMS
Temperature:	-20°C to 75°C
Min. Insulation Resistance(Ω/km)	SR-PVC:50M
Dielectric Strength	AC-500V/1 Min
Impedance (wire to wire):	89±3Ω for TDR
Capacitance (wire to wire):	21.8±1 pf/ft

DESCRIPTION

Rated Voltage (V)	300
Rated Temperature (°C)	75
Product Standard Certification	c (UL) CL3
Flame test	FT4

Application:
 Power-limited circuit cables for use a fixed wiring within buildings (some are also marked for direct burial) principally for class 3 and class 2 circuits.

Reference Standard: UL 13 & the customer's specification

Mechanical Characteristics:

Test Object	Jacket
Test Material	PVC
Before Tensile Strength (kg/mmP ^{2P})	≥1.05

CONSTRUCTION

Conductor:	Stranded Bare Copper
Component:	2C
AWG	22
Construction (mm)	1/0.643
Solid Dia. (mm)	0.643
Insulation:	SR-PVC
Nom. Thickness (mm)	0.14
Insulation Dia. (±0.05mm)	0.94
Ripcord:	210Dx6 nylon thread
Jacket:	PVC
Nom. Thickness (mm)	0.35
Outer Dia. (±0.10mm)	2.6x2.1


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REVISION HISTORY

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Sample No.	-	Spec No.	50889-A
Revision	A		
Date	04/17/2007	Page	1 of 1
Designed by	Approved by		
BR	Brian Rizzo		