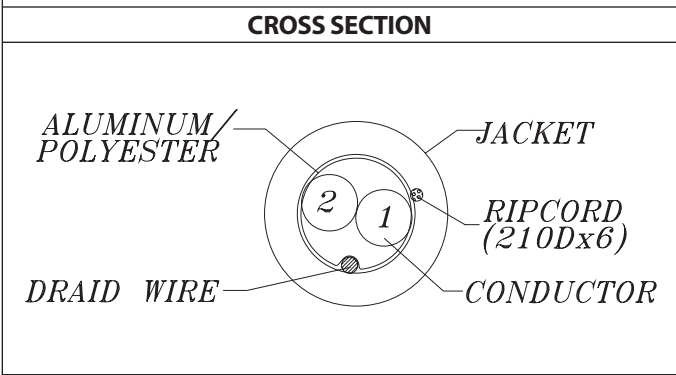


PRODUCT SPECIFICATION: 22-2OS-Coffee



COLOR & PACKAGING

Insulation: PVC

Component: 1. Red 2. Black

Jacket: Brightness coffee (Pantone: 4665 C)

Packaging: 1000ft BMP box

MARKING

Jacket Marking (Black)

ICE CABLE SYSTEMS 22-2/OS REFERENCE SERIES CONTROL
CABLE 22AWG 2C E301442-22 (UL) CL3 ROOM: ENT KIT FAM LR
DR OFF POO POWD PAT MBR MBA BR1 BR2 BR3 BR4 GAR GYM
1 2 3 4 5 6 "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) | 58.8 |
| 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: | 49 ± 5 Ω |
| Wire to end: | 28.6 ± 3 Ω |
| Capacitance: | |
| Wire to wire: | 48.5 ± 5 pf/ft |
| Wire to end: | 96.1 ± 10 pf/ft |
| Mechanical Characteristics: | |
| Test Object | Jacket |
| Test Material | PVC |
| Before Tensile Strength (kg/mm ²) | ≥1.05 |

DESCRIPTION

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

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

CONSTRUCTION

| | |
|--|----------------------|
| Conductor: | Stranded Bare Copper |
| Component: | 2C |
| AWG | 22 |
| Construction (mm) | 7/0.247 |
| Stranded Dia. (mm) | 0.75 |
| Cross-Sectional Area (mm ²) | 0.34 |
| Insulation: | SR-PVC |
| Nom. Thickness (mm) | 0.19 |
| Insulation Dia. (±0.05mm) | 1.15 |
| Shield | Aluminum/Polyester |
| Coverage (%) | ≥125% |
| Drain wire (stranded tinned copper) | 7/0.20TG |
| Ripcord: | 210Dx6 nylon thread |
| Jacket: | PVC |
| Nom. Thickness (mm) | 0.584 |
| Outer Dia. (±0.10mm) | 3.70 |


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| | | | |
|-------------|-------------|----------|---------|
| Sample No. | - | Spec No. | 51171-A |
| Revision | A | | |
| Date | 08/15/2007 | Page | 1 of 1 |
| Designed by | Approved by | | |
| BR | Brian Rizzo | | |

REVISION HISTORY