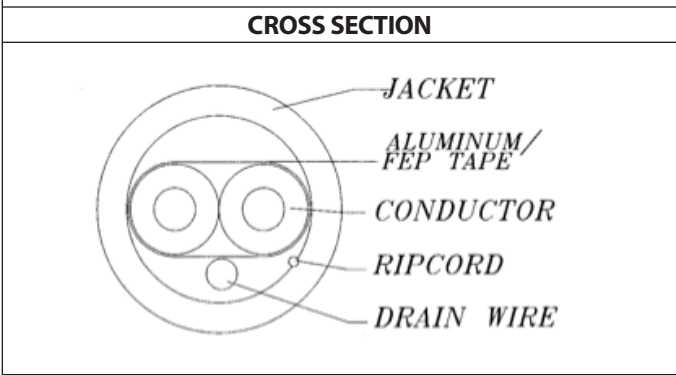


PRODUCT SPECIFICATION: 22-20S/MC/PLENUM



COLOR & PACKAGING

| | |
|--------------------|---|
| Insulation: | Black Red |
| Jacket: | Black (Pink With White Ink) Natural White, Green, Red, Yellow (Print With Black Ink) |

MARKING

Jacket Marking
ICE CABLE SYSTEMS 22-20S/MC/PLENUM E312434-22 C(UL) US TYPE CMP 75°C OR E301442-22 (UL) CL3P 75°C FT6 22AWG XXXX/XXXXFT "XXXX/XXXX" Stands for Length. eg: 1000/0000FT, 0998/0002FT, 0996/0004FT...for spool. eg. 0000/1000FT, 0002/0998FT, 0004/0996FT...for Reelex II box.

PERFORMANCE

| | |
|---|---------------|
| Electrical Characteristics: | (20°C) |
| DCR: | 15.3(Ω/kft) |
| Capacitance: | 53.5±5pF/FT |
| Temperature: | -6°C to 60°C |
| Voltage: | 300 Volts RMS |
| Mechanical Characteristics: | |
| Test Object | Jacket |
| Test Material | CMP-PVC |
| Before Tensile Strength (kg/mm ²) | ≥1.41 |

DESCRIPTION

| | |
|--------------------------------|---------------------------|
| Rated Voltage (V) | 300 |
| Rated Temperature (°C) | 75 |
| Product Standard Certification | C(UL)US CMP, (UL) CL3P |
| Flame test | UL 910, NFPA 262, CSA FT6 |
| EU RoHS 2002/95/EC Compliant | |

Application:
Plenum wire for audio, instrumentation and control applications in accordance with NEC articles 725, 800

Reference Standard:
UL 444, UL13 & the customer's specification

CONSTRUCTION

| | |
|---|------------------------------------|
| Conductor: | Stranded Bare Copper |
| Component: | 2C |
| AWG | 22 |
| NOM.Construction (mm) | 7/0.254 |
| NOM.Solid Dia. (±0.007mm) | 0.254 |
| Cross-Sectional Area (mm ²) | 0.35 |
| Insulation: | CMP-PVC |
| Nom. Thickness (mm) | 0.178 |
| Insulation Dia. (±0.05mm) | 1.15 |
| Shield | Aluminum/FEP Tape, Foil Facing out |
| Coverage (%) | ≥125% |
| Drain wire | Tinned Copper |
| Construction (±0.007mm) | 7/0.20T |
| Ripcord | 400D Kevlar |
| Jacket: | CMP-PVC |
| Nom. Thickness (mm) | 0.381 |
| Outer Dia. (±0.15mm) | 2.95 |


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| | | | |
|-------------|-------------|----------|---------|
| Sample No. | - | Spec No. | 59758-D |
| Revision | A | | |
| Date | 11/14/2012 | Page | 1 of 1 |
| Designed by | Approved by | | |
| BR | Brian Rizzo | | |