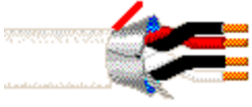


Part Number: 6561FE

Security & Sound, #22-2pr, BC, Shielded, CMP



Product Description

Security & Sound Cable, Plenum-CMP, 2-22 AWG solid bare copper pairs with Flamarrest® insulation, Beldfoil® shield and Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Pairs |
|-----|-----------|------------------|--------------|
| 22 | Solid | BC - Bare Copper | 2 |

| | |
|------------------|--------|
| Conductor Count: | 4 |
| Conductor Size: | 22 AWG |

Insulation

| Material | Material Trade Name | Nominal Wall Thickness |
|---------------------------------------|---------------------|------------------------|
| LS PVC - Low Smoke Polyvinyl Chloride | Flamarrest® | 0.009 in |

Color Chart

| Number | Color |
|--------|---------------|
| 1 | Black & Red |
| 2 | Black & White |

Outer Shield Material

| Type | Material | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire AWG | Drainwire Construction n x D |
|------|--------------------|---------------------|--------------|--------------------|---------------|------------------------------|
| Tape | Aluminum/Polyester | Beldfoil® | 100 % | TC - Tinned Copper | 24 | Solid |

Outer Jacket Material

| Material | Material Trade Name | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|---------------------------------------|---------------------|------------------|------------------------|---------|
| LS PVC - Low Smoke Polyvinyl Chloride | Flamarrest® | 0.193 in | 0.015 in | Yes |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR | Nominal Outer Shield DCR |
|-----------------------|--------------------------|
| 15.8 Ohm/1000ft | 13.9 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|---|---|
| 34 pF/ft | 61.2 pF/ft |

| | |
|------------|---------------------------|
| Shielding: | Foil(s) or Copper Tape(s) |
|------------|---------------------------|

Inductance

| Nominal Inductance |
|--------------------|
| 0.18 µH/ft |

Current

Max. Recommended Current [A]

2.2 Amps per conductor @ 25°C A

Voltage**UL Voltage Rating**

300 V RMS

Temperature Range

| | |
|-----------------------|--------------|
| UL Temp Rating: | 75°C |
| Operating Temp Range: | 0°C To +75°C |

Mechanical Characteristics

| | |
|----------------------------------|-----------------|
| Bulk Cable Weight: | 19.9 lbs/1000ft |
| Max Recommended Pulling Tension: | 36.7 lbs |
| Min Bend Radius/Minor Axis: | 1.9 in |

Standards

| | |
|--------------------------|-----|
| NEC Articles: | 800 |
| NEC/(UL) Specification: | CMP |
| CEC/C(UL) Specification: | CMP |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-04-01 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|---------------------|------------------------------------|
| C(UL) Flammability: | FT6 |
| UL Flammability: | NFPA 262 Plenum Flame Test (UL910) |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

| | |
|---------------|-----|
| Plenum (Y/N): | Yes |
|---------------|-----|

Part Number

| | |
|--------------------|--------|
| Non-Plenum Number: | 5561FE |
|--------------------|--------|

Variants

| Item # | Color | Footnote |
|----------------|---------|----------|
| 6561FE 8771000 | Natural | C |

| | |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

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