



Product: [5500UH](#)

Security & Sound, #22-2c, TC, Unshielded, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-22 AWG stranded tinned copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

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

Construction Details

Conductor

| Element | No. of Elements | Size | Stranding | Material |
|---------|-----------------|--------|-----------|--------------------|
| Pair(s) | 1 | 22 AWG | 7x30 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---------|--------------------|--------------------|--------------------------|-------------|
| Pair(s) | PP - Polypropylene | 0.008 in (0.20 mm) | 0.046 in (1.2 mm) | Black & Red |

Outer Shield

| Material |
|-----------|
| No Shield |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.017 in (0.43 mm) | 0.124 in | Yes |

| | |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.124 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------------|-------------------------------|--------------------------------|
| 17.9 Ohm/1000ft | 17 pF/ft (56 pF/m) | 2.8 Amps per Conductor at 25°C |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 75°C | -20°C To +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-------------------|-------------------|
| 1.24 in (31.5 mm) | 1.24 in |

| | |
|--------------------|--------------------|
| Max. Pull Tension: | 18.2 lbs (8.26 kg) |
|--------------------|--------------------|

| | |
|--------------------|--------------|
| Bulk Cable Weight: | 8 lbs/1000ft |
|--------------------|--------------|

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Indoor - Riser, Indoor |
| Flammability / Reaction to Fire: | UL1666 Riser, FT4 |
| NEC / UL Compliance: | Article 800, CMR |
| CEC / C(UL) Compliance: | CMG |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |
| Plenum Number: | 6500UH |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.180 Revision Date: 02-15-2024 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|-----------------|-------|------------|----------|--------------|
| 5500UH 0081000 | Gray | Reel | 1,000 ft | 612825163138 |
| 5500UH 008U1000 | Gray | UnReel | 1,000 ft | 612825163176 |

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