



Product: [5504UE](#)

Security & Sound, #22-6c BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 6-22 AWG stranded bare copper conductors with polypropylene insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

|                        |                                                                     |
|------------------------|---------------------------------------------------------------------|
| Suitable Applications: | Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls |
|------------------------|---------------------------------------------------------------------|

Construction Details

Conductor

| Element      | No. of Elements | Size   | Stranding | Material         |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 6               | 22 AWG | 7x30      | BC - Bare Copper |

Insulation

| Element      | Material           | Nom. Thickness     | Nom. Insulation Diameter | Color Code                            |
|--------------|--------------------|--------------------|--------------------------|---------------------------------------|
| Conductor(s) | PP - Polypropylene | 0.008 in (0.20 mm) | 0.045 in (1.1 mm)        | Black, Red, White, Green, Brown, Blue |

Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      | Ripcord |
|--------------------------|--------------------|--------------------|---------|
| PVC - Polyvinyl Chloride | 0.017 in (0.43 mm) | 0.168 in (4.27 mm) | Yes     |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.168 in (4.27 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element      | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                  |
|--------------|--------------------|-------------------------------|-------------------------------|
| Conductor(s) | 16.9 Ohm/1000ft    | 17 pF/ft (56 pF/m)            | 4.2 Amps per Conductor @ 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. |
|-----------------|-------------------|
| 1.7 in (43 mm)  | 1.7 in (43 mm)    |

|                    |                |
|--------------------|----------------|
| Max. Pull Tension: | 55 lbs (25 kg) |
| Bulk Cable Weight: | 19 lbs/1000ft  |

Standards and Compliance

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Environmental Suitability:       | Indoor - Riser, Indoor                      |
| Flammability / Reaction to Fire: | UL 1666 Riser, IEEE 1202 FT4, IEC 60332-1-2 |
| CPR Compliance:                  | CPR Euroclass: Eca                          |
| NEC / UL Compliance:             | Article 800, CMR                            |
| CEC / C(UL) Compliance:          | CMG                                         |
| European Directive Compliance:   | EU CE Mark                                  |
| UK Regulation Compliance:        | UKCA Mark                                   |
| Plenum Number:                   | 6504UE                                      |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.434 Revision Date: 02-03-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #          | Color  | Putup Type | Length  | UPC/EAN       | Footnote |
|-----------------|--------|------------|---------|---------------|----------|
| 5504UE.00305    | Chrome | Reel       | 305 m   | 8719605008787 |          |
| 5504UE.001000   | Chrome | Reel       | 1,000 m | 8719605008770 |          |
| 5504UE 0081000  | Gray   |            |         | 612825163800  | C        |
| 5504UE 008500   | Gray   |            |         | 612825163817  |          |
| 5504UE 008C500  | Gray   |            |         |               |          |
| 5504UE 008U1000 | Gray   |            |         | 612825163794  |          |
| 5504UE 009C500  | White  |            |         | 612825163824  |          |
| 5504UE 009U1000 | White  |            |         | 612825163831  |          |
| 5504UE 009U500  | White  |            |         | 612825163848  |          |

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