



**Product:** [M13109](#) 

AUDIO, 9PR #22, Str, Polypropylene(PP), 300 V, CM 75C, AWM/STYLE 2919 80C, CSA C(UL) TYPE CM

## Product Description

AUDIO, 9 Pair 22 AWG (7/30) TC - Tinned Copper, Polypropylene(PP) Insulation, Slate PVC Outer Jacket, CM 75C, AWM/STYLE 2919 80C, CSA C(UL) TYPE CM C(UL) TYPE CM

## Technical Specifications

### Product Overview

|                        |                                                                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Applications: | Data, communication, audio, and low-level signal transmission; industrial networking, serial communication, control panels, automation equipment, and instrumentation systems. |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Construction Details

#### Conductor

| Element | No. of Elements | Size   | Stranding | Material           |
|---------|-----------------|--------|-----------|--------------------|
| Pair(s) | 9               | 22 AWG | 7x30      | TC - Tinned Copper |

#### Insulation

| Element | Material           | Nom. Thickness     | Nom. Insulation Diameter | Color Code                                                                                                     |
|---------|--------------------|--------------------|--------------------------|----------------------------------------------------------------------------------------------------------------|
| Pair(s) | PP - Polypropylene | 0.010 in (0.25 mm) | 0.050 in (1.3 mm)        | Black-Red, Black-White, Black-Green, Black-Blue, Black-Yellow, Black-Brown, Black-Orange, Red-White, Red-Green |

#### Inner Shield

| Element | Shield Type | Material                | Coverage | Drainwire Type   |
|---------|-------------|-------------------------|----------|------------------|
| Pair(s) | Tape        | Bi-Laminate (Alum+Poly) | 100%     | 22 AWG (7x30) TC |

#### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.032 in (0.81 mm) | 0.404 in (10.3 mm) |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.404 in (10.3 mm) |
|-----------------------------------|--------------------|

### Electrical Characteristics

#### Electricals

| Element | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedence | Nom. Inductance        |
|---------|-------------------------------|-------------------------------------------------|-------------------------------|------------------------|
| Pair(s) | 25 pF/ft (82 pF/m)            | 45 pF/ft (150 pF/m)                             | 60 Ohm                        | 0.18 µH/ft (0.59 µH/m) |

#### Voltage

| UL Voltage Rating           |
|-----------------------------|
| 300 V (CM), 30 V (AWM 2919) |

### Mechanical Characteristics

#### Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 80°C           | -20°C To +75°C |

#### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 3.2 in (81 mm)  | 3.2 in (81 mm)    |

|                    |                |
|--------------------|----------------|
| Max. Pull Tension: | 40 lbs (18 kg) |
|--------------------|----------------|

Standards and Compliance

|                                |                                                                                                                      |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Environmental Suitability:     | Indoor                                                                                                               |
| Sustainability:                | CA Prop 65                                                                                                           |
| NEC / UL Compliance:           | Article 800, CM                                                                                                      |
| AWM Compliance:                | AWM 2919                                                                                                             |
| CEC / C(UL) Compliance:        | CM                                                                                                                   |
| European Directive Compliance: | EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| UK Regulation Compliance:      | UKCA Mark                                                                                                            |
| APAC Compliance:               | China RoHS II (GB/T 26572-2011)                                                                                      |

Product Notes

|        |                                                                                                                             |
|--------|-----------------------------------------------------------------------------------------------------------------------------|
| Notes: | Alpha Wire -* P/N M13109 9PR 22 AWG EXXXXXX 75C SHIELDED CM (UL) C(UL) OR AWM STYLE 2919 LOW VOLTAGE COMPUTER CABLE CE ROHS |
|--------|-----------------------------------------------------------------------------------------------------------------------------|

History

|                      |                                                |
|----------------------|------------------------------------------------|
| Update and Revision: | Revision Number: 0.9 Revision Date: 08-29-2026 |
|----------------------|------------------------------------------------|

Part Numbers

Variants

| Item #       | Color | Putup Type | Length   |
|--------------|-------|------------|----------|
| M13109 SL005 | Slate | Reel       | 100 ft   |
| M13109 SL002 | Slate | Reel       | 500 ft   |
| M13109 SL001 | Slate | Reel       | 1,000 ft |

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