



Product: [M1114](#)

AUDIO, 4C #22, Str, FRPE, 300 V, CM 75C, AWM/STYLE 2094 60C

Product Description

AUDIO, 4 Conductor 22 AWG (19/34) TC - Tinned Copper, FRPE Insulation, Overall Tinned Copper Shield, Slate PVC Outer Jacket, CM 75C, AWM/STYLE 2094 60C

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           |
|--------------|-----------------|--------|-----------|--------------------|
| Conductor(s) | 4               | 22 AWG | 19x34     | TC - Tinned Copper |

Insulation

| Element      | Material          | Nom. Thickness     | Nom. Insulation Diameter | Color Code               | Notes           |
|--------------|-------------------|--------------------|--------------------------|--------------------------|-----------------|
| Conductor(s) | PE - Polyethylene | 0.016 in (0.41 mm) | 0.064 in (1.6 mm)        | Black, White, Red, Green | Flame Retardant |

Outer Shield

| Shield Type | Material           | Coverage |
|-------------|--------------------|----------|
| Braid       | Tinned Copper (TC) | 90%      |

Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.020 in (0.51 mm) | 0.220 in (5.59 mm) |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.220 in (5.59 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element      | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Inductance       |
|--------------|-------------------------------|-------------------------------------------------|-----------------------|
| Conductor(s) | 22.7 pF/ft (74.5 pF/m)        | 41 pF/ft (130 pF/m)                             | 0.2 µH/ft (0.66 µH/m) |

|                       |                            |
|-----------------------|----------------------------|
| Nom Outer Shield DCR: | 38 Ohm/1000ft (120 Ohm/km) |
|-----------------------|----------------------------|

Voltage

| UL Voltage Rating    |
|----------------------|
| 300 V (CM, AWM 2094) |

Mechanical Characteristics

Temperature

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

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.2 in (56 mm)  | 3.3 in (84 mm)    |

|                    |                    |
|--------------------|--------------------|
| Max. Pull Tension: | 11.6 lbs (5.26 kg) |
|--------------------|--------------------|

Standards and Compliance

|                                |                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------|
| Environmental Suitability:     | Indoor                                                                                                        |
| Sustainability:                | CA Prop 65                                                                                                    |
| NEC / UL Compliance:           | Article 800, CM                                                                                               |
| AWM Compliance:                | AWM 2094                                                                                                      |
| European Directive Compliance: | EU Directive 2015/863/EU (RoHS 2 amendment), 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 M1114 4C 22 AWG EXXXXXX (UL) TYPE CM 75C OR AWM 2094 CE ROHS |
|--------|--------------------------------------------------------------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.119 Revision Date: 08-29-2026 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #      | Color | Putup Type | Length   |
|-------------|-------|------------|----------|
| M1114 SL005 | Slate | Reel       | 100 ft   |
| M1114 SL001 | Slate | Reel       | 1,000 ft |

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