

**Product:** [M13320](#) 

AUDIO, 20C #22, Str, PVC, Semi Rigid, 300 V, AWM/STYLE 2576 80C, CM 75C, CSA C(UL) TYPE CM

## Product Description

AUDIO, 20 Conductor 22 AWG (7/30) TC - Tinned Copper, PVC, Semi Rigid Insulation, Slate PVC Outer Jacket, AWM/STYLE 2576 80C, CM 75C, 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           |
|--------------|-----------------|--------|-----------|--------------------|
| Conductor(s) | 20              | 22 AWG | 7x30      | TC - Tinned Copper |

#### Insulation

| Element      | Material                                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code                                                                                                                                                                                                    |
|--------------|------------------------------------------|--------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conductor(s) | SR-PVC - Polyvinyl Chloride (Semi-Rigid) | 0.010 in (0.25 mm) | 0.050 in (1.3 mm)        | Black, White, Red, Green, Orange, Blue, White/Black, Red/Black, Green/Black, Orange/Black, Blue/Black, Black/White, Red/White, Green/White, Blue/White, Black/Red, White/Red, Orange/Red, Blue/Red, Red/Green |

#### Outer Jacket

| Material                 | Nom. Thickness    | Nom. Diameter      |
|--------------------------|-------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.040 in (1.0 mm) | 0.342 in (8.69 mm) |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.342 in (8.69 mm) |
|-----------------------------------|--------------------|

### Electrical Characteristics

#### Electricals

| Element      | Nom. Capacitance Cond-to-Cond | Nom. Inductance                  |
|--------------|-------------------------------|----------------------------------|
| Conductor(s) | 22.8 pF/ft (74.8 pF/m)        | 0.18 $\mu$ H/ft (0.59 $\mu$ H/m) |

#### Voltage

| UL Voltage Rating            |
|------------------------------|
| 300 V (CM), 150 V (AWM 2576) |

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

| Stationary Min. |
|-----------------|
| 3.4 in (86 mm)  |

|                    |                   |
|--------------------|-------------------|
| Max. Pull Tension: | 117 lbs (53.1 kg) |
|--------------------|-------------------|

### Standards and Compliance

|                                |                                                                                                                      |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Environmental Suitability:     | Indoor                                                                                                               |
| Sustainability:                | CA Prop 65                                                                                                           |
| NEC / UL Compliance:           | Article 800, CM                                                                                                      |
| AWM Compliance:                | AWM 2576                                                                                                             |
| 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 M13320 20C 22 AWG EXXXXXX 75C CM (UL) C(UL) OR AWM STYLE 2576 CE ROHS |
|--------|-----------------------------------------------------------------------------------------|

History

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.21 Revision Date: 08-29-2026 |
|----------------------|-------------------------------------------------|

Part Numbers

Variants

| Item #       | Color | Putup Type | Length |
|--------------|-------|------------|--------|
| M13320 SL005 | Slate | Reel       | 100 ft |

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