



Product: [9058AC](#) 

COAX, 1C #21, Str, Polyethylene(PE), 1400 V RMS, CMX 60C

Product Description

COAX, 1 Conductor 21 AWG (19/.0071) TC - Tinned Copper, Polyethylene(PE) Insulation, Overall Tinned Copper Shield, Black Type I PVC Outer Jacket, CMX 60C

Technical Specifications

Construction Details

Conductor

| Element | No. of Elements | Size | Stranding | Material |
|--------------|-----------------|--------|-----------|--------------------|
| Conductor(s) | 1 | 21 AWG | 19x33 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Insulation Diameter | Color Code |
|--------------|-------------------|--------------------------|------------|
| Conductor(s) | PE - Polyethylene | 0.116 in (2.95 mm) | Clear |

Outer Shield

| Outer Shield Type | Material | Coverage |
|-------------------|--------------------|----------|
| Braid | Tinned Copper (TC) | 95% |

Outer Jacket

| Material | Nom. Diameter |
|--------------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.195 in (4.95 mm) |

| | |
|-----------------------------------|--------------------|
| Outer Jacket1 Table Notes: | Type I |
| Overall Cable Diameter (Nominal): | 0.195 in (4.95 mm) |

Electrical Characteristics

Electricals

| Element | Max. Conductor DCR | Nom. Outer Shield DCR | Nom. Capacitance Cond-to-Shield | Nom. Characteristic Impedance | Nom. Velocity of Prop. |
|--------------|-------------------------------|----------------------------|---------------------------------|-------------------------------|------------------------|
| Conductor(s) | 11.9 Ohm/1000ft (39.0 Ohm/km) | 4.5 Ohm/1000ft (15 Ohm/km) | 30.8 pF/ft (101 pF/m) | 50 Ohm | 66% |

Voltage

| UL Voltage Rating | Voltage Rating |
|-------------------|-------------------|
| 150 V (CL2) | 1400 V (Mil-Spec) |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 60°C | -20°C To +60°C |

Bend Radius

| Stationary Min. |
|-----------------|
| 2.0 in (51 mm) |

| | |
|--------------------|----------------|
| Max. Pull Tension: | 31 lbs (14 kg) |
|--------------------|----------------|

Standards and Compliance

| | |
|--------------------------------|---|
| Environmental Suitability: | Indoor |
| Sustainability: | CA Prop 65 |
| NEC / UL Compliance: | CMX |
| European Directive Compliance: | EU CE Mark, 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 9058AC 1C 21 AWG RG 58A/U - E108998-* 21 AWG (UL) TYPE CMX SHIELDED CE ROHS |
|--------|---|

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.91 Revision Date: 05-18-2026 |
|----------------------|---|

Part Numbers

Variants

| Item # |
|--------------|
| 9058AC BK001 |
| 9058AC BK002 |
| 9058AC BK005 |
| 9058AC BK010 |
| 9058AC BK021 |
| 9058AC BK030 |
| 9058AC BK199 |

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