

# Product: 1334A

## Fieldbus, 1 Pr #18 Str TC, PO Ins, OS+TC Brd, PVC Jkt, CMG

### Product Description

Fieldbus, 1 Pair 18AWG (7x26) Tinned Copper, PO Insulation, Overall Beldfoil®+Tinned Copper Braid(65%) Shield, Orange PVC Outer Jacket, CMG

### Technical Specifications

#### Product Overview

| | |
|---|---|
| Suitable Applications: | harsh environment digital and serial two-way communication, oil and gas extraction and refining sites, petrochemical, Profibus process automation or Foundation FieldBus process automation, extreme temperature environments, exposure to humidity/moisture, dust, and oil, remote locations long distance applications, etc. |

#### Construction Details

**Conductor**

| Element | No. of Elements | Size | Stranding | Material |
|---|---|---|---|---|
| Pair(s) | 1 | 18 | 7x26 | TC - Tinned Copper |

**Insulation**

| Material | Color Code |
|---|---|
| PP - Polypropylene | Blue & Orange |

**Outer Shield**

| Shield Type | Material | Coverage |
|---|---|---|
| Tape | Bi-Laminate (Alum+Poly) | 100% |
| Braid | Tinned Copper (TC) | 65% |

**Outer Jacket**

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|---|---|---|---|
| PVC - Polyvinyl Chloride | 0.065 in (1.7 mm) | 0.287 in (7.29 mm) | Yes |

#### Electrical Characteristics

**Electricals**

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Shield | Max. Capacitance Unbalance | Nom. Characteristic Impedence | Nom. Velocity of Prop. | Max. Current |
|---|---|---|---|---|---|
| 7.2 Ohm/1000ft | 45 pF/ft (150 pF/m) | 1.2 pF/ft | 100 Ohm | 66% | 5.2 Amps per Conductor |

| | |
|---|---|
| Nom Outer Shield DCR: | 3.8 Ohm/1000ft (12 Ohm/km) |

**High Frequency (Nominal/Typical)**

| Nom. Insertion Loss (Attenuation) |
|---|
| 0.069 dB/100ft |

**Voltage**

| UL Voltage Rating |
|---|
| 300 V RMS |

#### Mechanical Characteristics

**Temperature**

| UL Temperature | Operating |
|---|---|
| 90°C | -40°C to +105°C |

**Bend Radius**

| Stationary Min. | Installation Min. |
|---|---|
| 3.37 in (85.6 mm) | 3.37 in (85.6 mm) |

| | |
|---|---|
| Max. Pull Tension: | 44.8 lbs (20.3 kg) |
| Bulk Cable Weight: | 60 lbs/1000ft |

## Standards and Compliance

| | |
|---|---|
| Environmental Suitability: | Indoor, Outdoor, Sunlight Resistance, UV Resistance, Oil Resistance, Oil Resistance |
| Flammability / Reaction to Fire: | UL1685 FT4 Loading, 1202, IEC 60332-3-24 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 725, Article 727, Article 800, CMG, ITC, PLTC |
| CEC / C(UL) Compliance: | CMG |
| 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 |

## History

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|---|---|
| Update and Revision: | Revision Number: 0.569 Revision Date: 02-20-2026 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type | Length | UPC | Footnote |
|---|---|---|---|---|---|
| 1334A 0061000 | Blue, Light | Reel | 1,000 ft | 612825112143 | C |
| 1334A 0063280 | Blue, Light | Reel | 3,280 ft | 612825112150 | C |
| 1334A 0031000 | Orange | Reel | 1,000 ft | 612825112112 | C |
| 1334A 0033280 | Orange | Reel | 3,280 ft | 612825112136 | C |

| | |
|---|---|
| Footnote: | C - CRATE REEL PUT-UP. |

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