



**Product:** [1337A](#)

Fieldbus, 1 Pr #18 Str TC, PO Ins, IS/OS, 1C #18 Str PVC Ins, PVC Jkt, 600V TC-ER

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## Product Description

Fieldbus, 1 Pair 18AWG (7x26) Tinned Copper, PO Insulation, Individual & Overall Beldfoil® Shield, 1 Conductor 18AWG (7x26) Tinned Copper, PVC Insulation, Orange PVC Outer Jacket, 600V TC-ER

## 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.

### Physical Characteristics (Overall)

#### Conductor

Element	AWG	Stranding	Nominal Diameter	No. of Conductors
Insulated Ground	18	7x26	.046 in	1

Conductor Count: 3

Total Number of Pairs: 1

#### Insulation

Element	Material
	PP - Polypropylene
Ground	PP - Polypropylene

#### Color Chart

Color
Blue & Orange

#### Color Chart 2

Color
Green/Yellow

#### Outer Shield

Material
Bi-Laminate (Alum+Poly)

#### Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.362 in

### Electrical Characteristics

#### Inductance

Nominal Inductance
0.22 $\mu$ H/ft

#### Impedance

Nominal Characteristic Impedance
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100 Ohm

#### Voltage

##### UL Voltage Rating

600 V RMS

#### Temperature Range

UL Temp Rating: 75°C

Operating Temperature Range: -30°C to +75°C

#### Mechanical Characteristics

Max. Pull Tension: 67 lbs

Min. Bend Radius/Minor Axis: 3.6 in

#### Standards

NEC/(UL) Compliance: TC-ER

#### Flammability, LS0H, Toxicity Testing

UL Flammability: UL1685 UL Loading

UL voltage rating: 600 V RMS

#### Related Part Numbers

#### Variants

Item #	Color	UPC
1337A 00310000	Orange	612825112266

#### History

Update and Revision: Revision Number: 0.309 Revision Date: 11-09-2022

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