



**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.
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**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**

Material
PP - Polypropylene
PP - Polypropylene

**Color Chart**

Color
Blue and Orange
Green/Yellow (Ground)

**Outer Shield Material**

Material
Alum / Poly

**Outer Jacket Material**

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.362 in

**Electrical Characteristics**

**Inductance**

Nominal Inductance
0.22 µH/ft

**Impedance**

Nominal Characteristic Impedance
100 Ohm

**Voltage**

<b>UL Voltage Rating</b>
600 V RMS

## Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-30°C To +75°C

## Mechanical Characteristics

Max Recommended Pulling Tension:	67 lbs
Min Bend Radius/Minor Axis:	3.6 in

## Standards

NEC/(UL) Specification:	TC-ER
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## Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 UL Loading
UL voltage rating:	600 V RMS

## Part Number

### Variants

Item #	Color	UPC
1337A 00310000	Orange	612825112266

## History

Update and Revision:	Revision Number: 0.205 Revision Date: 04-28-2020
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