



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	
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 µH/ft	

Impedance	
Nominal Characteristic Impedance	

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
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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: 0.310 Revision Date: 05-05-2023
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