

1337a Multi-Conductor - DataBus® for FOUNDATION Fieldbus or Profibus PA

 For more Information
 please call

1-800-Belden1

**Description:**

18 AWG stranded (7x26) tinned copper conductors, ground wire, polyolefin insulation, Overall Beldfoil® shield (100% coverage), tinned copper drain wire, oil & sunlight resistant PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	# Pairs	AWG	Stranding	Conductor Material
1	1	18	7x26	TC - Tinned Copper

Ground Wire

Ground Wire (Y/N):	Y
Ground Wire AWG:	18
Ground Wire Stranding:	7x26
Ground Wire Conductor Material:	TC - Tinned Copper
Ground Wire Insulation Material:	PVC - Polyvinyl Chloride

Insulation**Insulation Material:**

Insulation Material
FRPO - Flame Retardant Polyolefin

Outer Shield**Outer Shield Material:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100.000

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
20	7x28	TC - Tinned Copper

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter:	0.360 in.
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Pair**Pair Color Code Chart:**

Number	Color
1	Blue & Orange
2	Green/Yellow (Ground)

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +75°C
UL Temperature Rating:	75°C
Max. Recommended Pulling Tension:	67 lbs.

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Min. Bend Radius (Install)/Minor Axis:	3.600 in.
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Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	TC-ER
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	11/01/2007
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Flame Test

UL Flame Test:	UL1685 UL Loading
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Suitability

Suitability - Indoor:	Yes
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Suitability - Outdoor:	Yes
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Sunlight Resistance:	Yes
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Oil Resistance:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Unaveraged Impedance:**

Freq. (MHz)	Impedance (Ohm)
0.313	100.000

Nom. Inductance:

Inductance (μH/ft)
0.220

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
45.000

Nom. Mutual Capacitance:

Capacitance (pF/ft)
24.000

Maximum Capacitance Unbalance:

Capacitance (pF/ft)
1.200

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
5.860

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	7.500 Ohm/1000 ft
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Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
0.039	0.080

Max. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
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0.039	0.091
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Max. Operating Voltage - UL:

Voltage
600 V RMS

Max. Recommended Current:

Description	Current
Per Conductor	5.2 Amps

Other Electrical Characteristic 1: Max. Propagation Delay Change From 7.812 kHz to 39.06 kHz: 518 pS/ft

Other Electrical Characteristic 2: 31.25 KBits/sec

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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