



**Part Number:** 1336A

FOUNDATION Fieldbus, (1 pr) 14 AWG (7x22) TC,  
PO/PVC, Foil Shld, CMG, CMX, PLTC-ER

## Product Description

One 14 AWG pair stranded (7x22) tinned copper conductors, polyolefin insulation, overall Beldfoil® shield (100% coverage) plus a tinned copper braid shield (65% coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
14	7X22	TC - Tinned Copper	1
<b>Total Number of Conductors:</b>			2

#### Insulation:

Material
PO - Polyolefin

#### Color Chart 1:

Number	Color
1	Blue & Orange

#### Stranding:

Lay Length
4.5 in

**Outershield 1:**

Type	Layer	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	1	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	18	7x26 mm
Braid	2	TC - Tinned Copper		65 %			

**Outerjacket 1:**

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.43 in	Yes

**Electrical Characteristics****Conductor DCR:**

Max. Outer Shield DCR	Nominal Conductor DCR
4.9 Ohm/1000ft	2.5 Ohm/1000ft

**Capacitance:**

Max. Capacitance Unbalance	Nom. Capacitance Conductor to Shield	Nom. Mutual Capacitance
1.2 pF/ft	45 pF/ft	24 pF/ft

<b>Other Electrical Characteristic 1:</b>	Max Propagation Delay Change From 7.812 kHz to 39.06 kHz: 518 pS/ft
<b>Other Electrical Characteristic 2:</b>	31.25 KBits/sec

**High Frequency (Nominal/Typical):**

Nom. Insertion Loss
0.062 db/100ft

**Delay:**

Nominal Velocity of Propagation (VP) [%]
66 %

**High Freq:**

Frequency [MHz]	Max. Insertion Loss (Attenuation)	Max./Min. Input Impedance (unFitted)
	0.091 db/100ft	100 Ohm
0.03125 MHz		
0.039 MHz		
0.039 MHz		

**Current:**

Element	Max. Recommended Current [A]
Per Conductor	5.2 Amps

## Voltage:

### UL Voltage Rating

300 V RMS

## Use

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	131 lbs

## Safety

UL Flammability:	UL1685 UL Loading
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## Temperature Range

Operating Temp Range:	-30°C To +90°C
UL Temp Rating:	90°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	4.3 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
1336A 0031000	ORANGE	Reel	1000 ft
1336A 0031640	ORANGE	Reel	1640 ft
1336A 0061640	BLUE, LIGHT	Reel	1640 ft
1336A 0063280	BLUE, LIGHT	Reel	3280 ft
1336A 006394	BLUE, LIGHT	Reel	394 ft

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