



**Product:** [1353A](#) 

Digital Audio Cable, 2 Conductor 24 AWG, BC, CMR

## Product Description

Analog/Digital Audio Cable, Riser-CMR, 1-24 AWG stranded bare copper bonded-pair, polyolefin insulation, PVC jacket

## Technical Specifications

### Product Overview

Suitable Applications:	Field Deployable Cat 5e Patch, CobraNet, eSnake, Ethersound, Digital Audio over Ethernet
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### Construction Details

#### Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	24 AWG	7x32	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.0085 in (0.22 mm)	0.0430 in mm	Western Electric (Modified)

#### Outer Shield

Material
No Shield

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.022 in (0.56 mm)	0.126 in

Overall Cable Diameter (Nominal):	0.126 in
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### Electrical Characteristics

#### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Characteristic Impedence	Nom. Delay	Nom. Velocity of Prop.	Max. Current
29.2 Ohm/1000ft	14.5 pF/ft (47.6 pF/m)	100 Ohm	510 ns/100m	70%	3.9 Amps per Conductor at 25°C

#### High Frequency (Nominal/Typical)

Frequency
1 MHz
4 MHz
6 MHz
8 MHz
10 MHz
12 MHz
16 MHz
20 MHz
25 MHz
31.25 MHz
62.5 MHz
100 MHz

## Voltage

UL Voltage Rating
300 V

## Mechanical Characteristics

### Temperature

UL Temperature	Operating
60°C	-20°C To +60°C

### Bend Radius

Stationary Min.	Installation Min.
1.26 in (32.0 mm)	1.26 in

Max. Pull Tension:	18 lbs (8.2 kg)
Bulk Cable Weight:	8 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor, Outdoor
Flammability / Reaction to Fire:	UL 1666 Riser, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
TIA/EIA Compliance:	568-B.2 Category 5e Patch
ISO/IEC Compliance:	11801 Category 5e Patch
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## Product Notes

Notes:	EtherNet/IP is a trademark of ControlNet Internation, Ltd. under license by Open DeviceNet Vendor Association, Inc. Operating temperatures are subject to length de-rating.
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## History

Update and Revision:	Revision Number: 0.414 Revision Date: 09-07-2025
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
1353A 010500	Black	Reel	500 ft	612825112600
1353A 0101000	Black	Reel	1,000 ft	612825112594
1353A 010U1000	Black	UnReel	1,000 ft	612825112587
1353A 006U1000	Blue, Light	UnReel	1,000 ft	612825112549
1353A 001U1000	Brown	UnReel	1,000 ft	612825112501
1353A 008U1000	Gray	UnReel	1,000 ft	612825112563
1353A N3UU1000	Green, Mil	UnReel	1,000 ft	612825112495
1353A 003U1000	Orange	UnReel	1,000 ft	612825112525
1353A 002U1000	Red	UnReel	1,000 ft	612825112518
1353A 007U1000	Violet	UnReel	1,000 ft	612825112556
1353A 009U1000	White	UnReel	1,000 ft	612825112570
1353A 004U1000	Yellow	UnReel	1,000 ft	612825112532

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