



Product: [1883A](#)

Line Level Audio Cable, 1 Pr #24 Str TC, O/A Foil, PVC Jkt, CMR



Product Description

Line Level Audio Cable, 1 Pair 24 AWG (7 x 32) Tinned Copper, PP insulation, Overall Beldfoil® Shield, PVC Jacket, CMR

Technical Specifications

Product Overview

Suitable Applications:	Line level audio; Low voltage analog signals
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	24 AWG	7x32	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.010 in (0.25 mm)	0.04 in (1.0 mm)	Black & Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type	Notes
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC	Drain wire is inside foil shield.

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.020 in (0.51 mm)	0.129 in (3.28 mm)

Table Notes:	Jacket and shield are bonded so both can be removed on automatic stripping equipment.
Overall Cable Diameter (Nominal):	0.129 in (3.28 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedance	Nom. Velocity of Prop.	Max. Current
Pair(s)	23.5 Ohm/1000ft (77.1 Ohm/km)	31 pF/ft (100 pF/m)	58 pF/ft (190 pF/m)	52 Ohm	66%	2 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CMR)

Mechanical Characteristics

Temperature

Operating
-30°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
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1.2 in (30 mm)	1.2 in (30 mm)
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Max. Pull Tension:	16 lbs (7.3 kg)
Bulk Cable Weight:	10 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1685 UL Loading, IEEE 1202 FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	For cross-connect use with 1408R (et. al.) Snake Cables.
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History

Update and Revision:	Revision Number: 0.310 Revision Date: 04-08-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
1883A 0101000	Black	Reel	1,000 ft	612825126089
1883A 010U1000	Black	UnReel	1,000 ft	612825126072
1883A 010N1000	Black	Reel w/Small Barrel	1,000 ft	612825126065
1883A 010N2000	Black	Reel w/Small Barrel	2,000 ft	612825366997
1883A 0061000	Blue, Light	Reel	1,000 ft	612825125983
1883A 006U1000	Blue, Light	UnReel	1,000 ft	612825125976
1883A 006N1000	Blue, Light	Reel w/Small Barrel	1,000 ft	612825125969
1883A 006N2000	Blue, Light	Reel w/Small Barrel	2,000 ft	612825380184
1883A 0011000	Brown	Reel	1,000 ft	612825125907
1883A 001U1000	Brown	UnReel	1,000 ft	612825125891
1883A 001N1000	Brown	Reel w/Small Barrel	1,000 ft	612825125884
1883A 0081000	Gray	Reel	1,000 ft	612825126034
1883A 008U1000	Gray	UnReel	1,000 ft	612825126027
1883A 008N1000	Gray	Reel w/Small Barrel	1,000 ft	612825126010
1883A 008N2000	Gray	Reel w/Small Barrel	2,000 ft	612825366980
1883A N3U 1000	Green, Mil	Reel	1,000 ft	612825125877
1883A N3UU1000	Green, Mil	UnReel	1,000 ft	612825125860
1883A N3UN1000	Green, Mil	Reel w/Small Barrel	1,000 ft	612825125846
1883A N3UN2000	Green, Mil	Reel w/Small Barrel	2,000 ft	612825125853
1883A 0021000	Red	Reel	1,000 ft	612825125938
1883A 002U1000	Red	UnReel	1,000 ft	612825125921
1883A 002N1000	Red	Reel w/Small Barrel	1,000 ft	612825125914
1883A 002N2000	Red	Reel w/Small Barrel	2,000 ft	612825366973
1883A 0071000	Violet	Reel	1,000 ft	612825126003
1883A 007U1000	Violet	UnReel	1,000 ft	612825125990
1883A 0091000	White	Reel	1,000 ft	612825126058
1883A 009U1000	White	UnReel	1,000 ft	612825126041
1883A 004N1000	Yellow	Reel w/Small Barrel	1,000 ft	612825125945
1883A 004N2000	Yellow	Reel w/Small Barrel	2,000 ft	612825125952

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