Product: 1503A

Line Level Audio Cable, 1 Pr #22 Str TC, O/A Foil, PVC Jkt, CMR

Product Description

Line Level Audio Cable, 1 Pair 22 AWG (7 x 30) Tinned Copper, PVC Insulation, Overall Beldfoil® Shield, PVC Jacket, CMR

Technical Specifications

Product Overview

Suitable Applications:	Line level audio; Low voltage analog signals and control

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.050 in (1.3 mm)	Black & Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.020 in (0.51 mm)	0.142 in (3.61 mm)

Overall Cable Diameter (Nominal):	0.142 in (3.61 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
Pair(s)	18.2 Ohm/1000ft	53 pF/ft (170 pF/m)	97 pF/ft (320 pF/m)	38 Ohm	66%	6 Amps per conductor @ 30°C

Voltage

UL Voltage Rating
300 V (CMR)

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-30°C to +90°C

Bend Radius

Stationary Min.	Installation Min.
1.4 in (36 mm)	1.4 in (36 mm)

Max. Pull Tension:	23.7 lbs (10.8 kg)
Bulk Cable Weight:	14 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL 1666 Riser, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
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)

History

Update and Revision:	Revision Number: 0.418 Revision Date: 02-15-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
1503A 010U1000	Black	UnReel	1,000 ft	612825116127
1503A 006U1000	Blue, Light	UnReel	1,000 ft	612825116080
1503A 001U1000	Brown	UnReel	1,000 ft	612825116042
1503A 008U1000	Gray	UnReel	1,000 ft	612825116103
1503A N3UU1000	Green, Mil	UnReel	1,000 ft	612825116035
1503A 003U1000	Orange	UnReel	1,000 ft	612825116066
1503A 002U1000	Red	UnReel	1,000 ft	612825116059
1503A 007U1000	Violet	UnReel	1,000 ft	612825116097
1503A 009U1000	White	UnReel	1,000 ft	612825116110
1503A 004U1000	Yellow	UnReel	1,000 ft	612825116073

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