Product: 8734 ↗

Electronic, 3 C #22 Str TC, PVC Ins, 1C w/ TC Brd, PVC Jkt, CM

⚏ Request Sample

Product Description

Electronic, 3 Conductor 22AWG (7x30) Tinned Copper, PVC Insulation, 1 Conductor w/ Tinned Copper Braid(80%) Shield, PVC Outer Jacket, CM

Technical Specifications

Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, …); line level audio; voice communications; panel wiring

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	22	7x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.60 in (15 mm)	Black, Red, White

Inner Shield

Shield Type	Material	Coverage
Braid	Tinned Copper (TC)	80%

Outer Shield

Shield Type	Material	Coverage
Braid	Tinned Copper (TC)	90%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.025 in (0.64 mm)	0.194 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Conductor DCR	Max. Current
10 Ohm/1000ft	15 Ohm/1000ft (49 Ohm/km)	2.9 Amps per Conductor at 25ºC

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.
1.94 in (49.3 mm)	1.94 in

Max. Pull Tension:	18 lbs (8.2 kg)
Bulk Cable Weight:	22 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
Flammability / Reaction to Fire:	UL1685 UL Loading, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2785
European Directive Compliance:	EU CE Mark, 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:	Inner Shield over white conductor only.

History

Update and Revision:	Revision Number: 0.397 Revision Date: 05-05-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8734 0601000	Chrome	Reel	1,000 ft	612825214779