



Product: [8735](#) 

Electronic, 3 C #22 Str TC, PVC Ins, OA TC Brd, PVC Jkt, CMG

 [Request Sample](#)

Product Description

Electronic, 3 Conductor 22AWG (7x30) Tinned Copper, PVC Insulation, Overall Tinned Copper Braid(70%) Shield, PVC Outer Jacket, CMG

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
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	3	22	7x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.04 in (1.0 mm)	Black, Red, White

Outer Shield

Shield Type	Material	Coverage
Braid	Tinned Copper (TC)	70%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.025 in (0.64 mm)	0.202 in (5.13 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
15 Ohm/1000ft	34 pF/ft (110 pF/m)	60 pF/ft (200 pF/m)	2.9 Amps per Conductor at 25°C
Nom Outer Shield DCR: 4.6 Ohm/1000ft (15 Ohm/km)			

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C To +80°C

Bend Radius

Stationary Min.	Installation Min.
2.02 in (51.3 mm)	2.02 in (51.3 mm)

Max. Pull Tension:	27.3 lbs (12.4 kg)
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Bulk Cable Weight:	25 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 UL Loading, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 2095
CEC / C(UL) Compliance:	CMG
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)

History

Update and Revision:	Revision Number: 0.549 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8735 060500	Chrome	Reel	500 ft	612825214793	C
8735 0601000	Chrome	Reel	1,000 ft	612825214786	C

Footnote:	C - CRATE REEL PUT-UP.
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