



Product: [8208](#)

Electronic, 2 C #18 Str TC, EPDM Ins, OA TC Brd, PVC Jkt

Request Sample

Product Description

Electronic, 2 Conductor 18AWG (16x30) Tinned Copper, EPDM Insulation, Overall Tinned Copper Braid(73%) Shield, PVC Outer Jacket

Technical Specifications

Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; panel wiring
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	18 AWG	16x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	EPDM - Ethylene Propylene Diene Monomer	0.022 in (0.56 mm)	0.091 in (2.3 mm)	Red, White

Outer Shield

Shield Type	Material	Coverage
Braid	Tinned Copper (TC)	73%

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
Polyester Tape	PVC - Polyvinyl Chloride	0.025 in (0.64 mm)	0.257 in (6.53 mm)

Overall Cable Diameter (Nominal):	0.257 in (6.53 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
Conductor(s)	6.5 Ohm/1000ft	46 pF/ft (150 pF/m)	77 pF/ft (250 pF/m)	44 Ohm	5.2 Amps per Conductor at 25°C

Voltage

Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.
2.57 in (65.3 mm)	2.57 in (65.3 mm)

Max. Pull Tension:	41.6 lbs (18.9 kg)
Bulk Cable Weight:	40 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
CPR Compliance:	CPR Euroclass: Eca
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:	No surface printing.
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History

Update and Revision:	Revision Number: 0.521 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8208 060100	Chrome	Reel	100 ft	612825196051
8208 060500	Chrome	Reel	500 ft	612825196075
8208 060U500	Chrome	UnReel	500 ft	612825196044
8208 0601000	Chrome	Reel	1,000 ft	612825196068
8208 060U1000	Chrome	UnReel	1,000 ft	612825196037
8208 0605000	Chrome	Reel	5,000 ft	612825196082

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