



REPRESENTATIVE IMAGE

Product: [8446](#)

Electronic, 4+2 C #22+18 Str TC, PVC Ins, PVC Jkt, CMG

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Product Description

Electronic, 4+2 Conductor 22+18AWG (7x30+19x30) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

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	AWG	Stranding	Material
Conductor(s)	4	22	7x30	TC - Tinned Copper
Conductor(s)	2	18	19x30	TC - Tinned Copper

Insulation

Element	Material	Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	Red, Green, Brown, Blue
Conductor(s)	PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	Black, White

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.236 in

Cable Diameter (Nominal):	0.236 in (5.99 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	15.5 Ohm/1000ft (50.9 Ohm/km)	30 pF/ft (98 pF/m)	54 pF/ft (180 pF/m)	2.5 Amps per Conductor at 25°C
Conductor(s)	6.8 Ohm/1000ft (22 Ohm/km)			5.6 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
150 V (UL AWM 2576), 300 V (CMG)

Mechanical Characteristics

Temperature

UL Rating	Operating
80°C (UL AWM Style 2576)	-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.
2.4 in (61 mm)	2.4 in (61 mm)

Max. Pull Tension:	78 lbs (35 kg)
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Bulk Cable Weight:	39 lbs/1000ft (58 kg/km)
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Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	UL 1685 FT4 Loading, FT4, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	2576
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.360 Revision Date: 07-02-2021
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