



Product: [9444SH](#) 

Electronic, 4 C #20 Str TC, PVC Ins, PVC Jkt, CMG

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Product Description

Electronic, 4 Conductor 20AWG (7x28) Tinned Copper, PVC Insulation, 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)	4	20 AWG	7x28	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.065 in (1.7 mm)	Black, White, Red, Green

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

Outer Jacket

Nom. Thickness	Nom. Diameter
0.032 in (0.81 mm)	0.225 in (5.72 mm)

Overall Cable Diameter (Nominal):	.225
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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)	10.1 Ohm/1000ft (33.1 Ohm/km)	34 pF/ft (110 pF/m)	61.2 pF/ft (201 pF/m)	3.2 Amps per Conductor at 25°C

Nom Outer Shield DCR@Cond DCR1-cnrv:	12.6 Ohm/1000ft (41.3 Ohm/km)
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Voltage

UL Voltage Rating
300 V (UL type CMG), 300 V (UL AWM 2464)

Mechanical Characteristics

Temperature

UL Temperature	Operating	Installation
80°C (UL AWM Style 2464)	-20C to 80C	N/A to N/A

Bend Radius

Stationary Min.	Installation Min.
2.25 in (57.2 mm)	2.25 in (57.2 mm)

Max. Pull Tension:	50 lbs (23 kg)
Bulk Cable Weight:	32.8 lbs/1000ft (48.8 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 2464
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: 0.12 Revision Date: 10-31-2025
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Part Numbers

Footnote:	C - CRATE REEL PUT-UP.
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