


**Product: [9418](#)**

Electronic, 4 C #18 Str TC,SRPVC Ins, OS, PVC Jkt, CMG

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**Product Description**

Electronic, 4 Conductor 18AWG (19x30) Tinned Copper, SRPVC Insulation, Overall Beldfoil® 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

**Construction Details**
**Conductor**

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	18 AWG	19x30	TC - Tinned Copper

**Insulation**

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.011 in (0.28 mm)	0.066 in (1.7 mm)	Red, Green, Black, White

**Outer Shield**

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (19x32) TC

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.245 in (6.22 mm)

Overall Cable Diameter (Nominal): 0.245 in (6.22 mm)

**Electrical Characteristics**
**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	6.5 Ohm/1000ft	40 pF/ft (130 pF/m)	72 pF/ft (240 pF/m)	5 Amps per Conductor at 25°C

Nom Outer Shield DCR: 8.5 Ohm/1000ft (28 Ohm/km)

**Voltage**

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

**Mechanical Characteristics**
**Temperature**

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

**Bend Radius**

Stationary Min.	Installation Min.
2.5 in (64 mm)	2.5 in (64 mm)

Max. Pull Tension: 113 lbs (51.3 kg)

Bulk Cable Weight: 42 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Sustainability:	CA Prop 65
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
Plenum Number:	89418 or 82418

## History

Update and Revision: Revision Number: 0.546 Revision Date: 09-07-2025

## Part Numbers

### Variants

Item #	Color	UPC	Footnote
9418 060100	Chrome	612825240631	
9418 0601000	Chrome	612825240648	C
9418 06010000	Chrome	612825240655	C Y
9418 06013000	Chrome	612825240679	
9418 060500	Chrome	612825240686	C
9418 0605000	Chrome	612825240693	C Z
9418 060U1000	Chrome	612825240617	
9418 060U500	Chrome	612825240624	

Footnote: C - CRATE REEL PUT-UP., Y - FINAL PUT-UP LENGTH MAY VAR -10% TO +20% FROM LENGTH SHOWN. MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500', Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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