



Product: [2005C](#)

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

Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	Electronics
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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)	PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.066 in (1.7 mm)	Red, Green, White, Black

Outer Shield

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.227 in (5.77 mm)
Overall Cable Diameter (Nominal):		0.227 in (5.77 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Max. Current
Conductor(s)	7.06 Ohm/1000ft	4 Amps per Conductor at 30°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
2.27 in (57.7 mm)	2.27 in (57.7 mm)

Max. Pull Tension:	45.5 lbs (20.6 kg)
Bulk Cable Weight:	39 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1685 UL Loading, FT4
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2464
CEC / C(UL) Compliance:	CMG

History

Update and Revision:	Revision Number: 0.38 Revision Date: 11-30-2023
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