



Product: [2004C](#)

Electronic, 3 C #18 Str TC, PO Ins, OS, PVC Jkt

Product Description

Electronic, 3 Conductor 18AWG (16x30) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket

Technical Specifications

Product Overview

Suitable Applications:	Electronics
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	3	18 AWG	16x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PE - Polyethylene	0.016 in (0.41 mm)	0.079 in (2.0 mm)	Black, White, Red

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	0.025 in (0.64 mm)	0.224 in (5.69 mm)

Overall Cable Diameter (Nominal):	0.224 in (5.69 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Max. Current
Conductor(s)	7.06 Ohm/1000ft	13 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.
2.24 in (56.9 mm)	2.24 in (56.9 mm)

Max. Pull Tension:	71.5 lbs (32.4 kg)
Bulk Cable Weight:	30 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Indoor
Flammability / Reaction to Fire:	UL 1685 UL Loading, FT4
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2093
CEC / C(UL) Compliance:	HLABCD, ACIC

History

Update and Revision:	Revision Number: 0.34 Revision Date: 06-30-2022
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