



Product: [2003C](#)

Electronic, 2 C #18 Str TC, PO Ins, OS, PVC Jkt

Product Description

Electronic, 2 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	No. of Elements	Size	Stranding	Material
Pair(s)	1	18 AWG	16x30	TC - Tinned Copper

Insulation

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

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	0.020 in (0.51 mm)	0.202 in (5.13 mm)
Overall Cable Diameter (Nominal):		0.202 in (5.13 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Max. Current
Pair(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.
2.02 in (51.3 mm)	2.02 in (51.3 mm)

Max. Pull Tension:	62 lbs (28 kg)
Bulk Cable Weight:	21 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 2092
CEC / C(UL) Compliance:	CM

History

Update and Revision:	Revision Number: 0.47 Revision Date: 02-15-2024
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