Product: 8469 ⬚

Electronic, 9 C #18 Str TC, PVC Ins, PVC Jkt, CMG

⚏ Request Sample

Product Description

Electronic, 9 Conductor 18AWG (19x30) Tinned Copper, PVC Insulation, 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	Number of Element	Size	Stranding	Material
Conductor(s)	9	18 AWG	19x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	Black, White, Red, Green, Brown, Blue, Orange, Yellow, Purple

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.037 in (0.94 mm)	0.364 in (9.25 mm)

Overall Cable Diameter (Nominal):	0.364 in (9.25 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.3 Ohm/1000ft (21 Ohm/km)	26 pF/ft (85 pF/m)	3.5 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V (CMG), 300 V (UL AWM 2598)

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C (UL AWM 2598)	-20°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
3.6 in (91 mm)	3.6 in (91 mm)

Max. Pull Tension:	222 lbs (101 kg)
Bulk Cable Weight:	89 lbs/1000ft (130 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor

Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 2598
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.350 Revision Date: 05-25-2022

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8469 060100	Chrome	Reel	100 ft	612825208440
8469 060250	Chrome	Reel	250 ft	612825208464
8469 060500	Chrome	Reel	500 ft	612825208471
8469 0601000	Chrome	Reel	1,000 ft	612825208457
8469 0605000	Chrome	Reel	5,000 ft	612825208488