

Product: 8718

Electronic, 2 C #12 Str TC, PE Ins, OS, PVC Jkt, CL2

Request Sample

Product Description

Electronic, 2 Conductor 12AWG (19x25) Tinned Copper, PE Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CL2

Technical Specifications

Product Overview

Suitable Applications:	up to 600V analog signals ; up to 600V digital control ; line level audio; voice communications; panel wiring

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	12 AWG	19x25	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PE - Polyethylene	0.037 in (0.94 mm)	0.164 in (4.17 mm)	Black & Clear

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	14 AWG (19x26) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.034 in (0.86 mm)	0.400 in (10.2 mm)

Overall Cable Diameter (Nominal):	0.400 in (10.2 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
Conductor(s)	1.78 Ohm/1000ft	25 pF/ft (82 pF/m)	49 pF/ft (160 pF/m)	55 Ohm	30 Amps per Conductor at 30ºC

Voltage

UL Voltage Rating
600 V (UL AWM 20253), 300 V (CSA AWM)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
4.0 in (100 mm)	4.0 in (100 mm)

Max. Pull Tension:	200 lbs (91 kg)
Bulk Cable Weight:	87 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1685 UL loading , FT1, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL2
AWM Compliance:	AWM 20253
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.496 Revision Date: 12-19-2022

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8718 060500	Chrome	Reel	500 ft	612825214212
8718 060U500	Chrome	UnReel	500 ft	612825214182
8718 0601000	Chrome	Reel	1,000 ft	612825214199
8718 0602000	Chrome	Reel	2,000 ft	612825214205
8718 0605000	Chrome	Reel	5,000 ft	612825214229

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