



**Product: 8477** ☑

Electronic, 2 C #12 Str TC, PVC Ins, PVC Jkt, CL3R

Request Sample

# **Product Description**

Electronic, 2 Conductor 12AWG (65x30) Tinned Copper, PVC Insulation, PVC Outer Jacket, CL3R

# **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	65x30	TC - Tinned Copper

### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.033 in (0.84 mm)	0.158 in (4.01 mm)	Black & White

# Outer Jacket

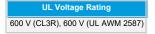
Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.386 in (9.80 mm)
Overall Cable Diameter (I	Nominal): 0.386 in (9	9.80 mm)

## **Electrical Characteristics**

# Electricals

ľ	Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
ľ	Pair(s)	1.78 Ohm/1000ft	35 pF/ft (110 pF/m)	30 Amps per Conductor at 30°C

# Voltage



# **Mechanical Characteristics**

# Temperature

UL Temperature	Operating
90°C	-20°C to +90°C

## **Bend Radius**

Stationary Min.	Installation Min.
3.9 in (99 mm)	3.9 in (99 mm)
( ,	, , ,
Max. Pull Tension:	1:
Bulk Cable Weight	nt:

## **Standards and Compliance**

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1666 Riser, N/A, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL3R
AWM Compliance:	AWM 2587
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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

### **Product Notes**

Notes:	See NEC Guidelines for applicable CL3 voltage ratings.

## **History**

Update and Revision:	Revision Number: 0.515 Revision Date: 03-04-2023

## **Part Numbers**

#### **Variants**

Item #	Color	Putup Type	Length	UPC
8477 060500	Chrome	Reel	500 ft	612825208662
8477 060U50	0 Chrome	UnReel	500 ft	612825208648
8477 060100	0 Chrome	Reel	1,000 ft	612825208655
8477 060500	0 Chrome	Reel	5,000 ft	612825208679

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