Product: 9464 ☒

Electronic, 2 C #20 Str TC, PO Ins, OS, PVC Jkt, CM

⚏ Request Sample

Product Description

Electronic, 2 Conductor 20AWG (7x28) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

Technical Specifications

Product Overview

Suitable Applications:	for use with automatic stripping equipments; low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, …); line level audio; computer communication; panel wiring

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	20	7x28	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PE - Polyethylene	0.016 in (0.41 mm)	0.70 in (18 mm)	Black, White

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (7x28) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.214 in (5.44 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
11.1 Ohm/1000ft	27 pF/ft (89 pF/m)	49 pF/ft (160 pF/m)	56 Ohm	3.9 Amps per Conductor at 20ºC

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-20°C To +60°C

Bend Radius

Stationary Min.	Installation Min.
2.14 in (54.4 mm)	2.14 in (54.4 mm)

Max. Pull Tension:	31.2 lbs (14.2 kg)

Bulk Cable Weight:	30 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
Flammability / Reaction to Fire:	UL1685 UL Loading
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2092
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is on the inside of foil shield.

History

Update and Revision:	Revision Number: 0.456 Revision Date: 04-08-2022

Part Numbers

Variants

Item #	Color	UPC
9464 060U1000	Chrome	612825253723
9464 060U500	Chrome	612825253730