Belden



Product: 9750

Electronic, 3 Pr #20 Str TC, PVC Ins, PVC Jkt, CMG

Request Sample

Product Description

Electronic, 3 Pair 20AWG (7x28) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

Technical Specifications

Product Overview

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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	3	20	7x28	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.014 in (0.36 mm)	0.065 in (1.7 mm)	Black & Red, Black & White, Black & Green

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.299 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
11.3 Ohm/1000ft	24.5 pF/ft (80.4 pF/m)	2.6 Amps per Conductor at 20ºC

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
2.99 in (75.9 mm)	2.99 in

Max. Pull Tension:	75.6 lbs (34.3 kg)
Bulk Cable Weight:	46 lbs/1000ft

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 2464
CEC / C(UL) Compliance:	CMG
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: 0.388 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	UPC	Footnote
9750 0601000	Chrome	612825258162	C
9750 060500	Chrome	612825258179	C

Footnote:	C - CRATE REEL PUT-UP.

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