Belden



Product: 9751

Electronic, 6 Pr #20 Str TC, PVC Ins, PVC Jkt, CMG

Request Sample

Product Description

Electronic, 6 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)	6	20	7x28	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.065 in (1.7 mm)	Black & Red, Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown

Outer Shield

Drainwire Type
20 AWG (7x28) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.366 in (9.30 mm)

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.
3.66 in (93.0 mm)	3.66 in (93.0 mm)

Max. Pull Tension:	163.8 lbs (74.30 kg)
Bulk Cable Weight:	81 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.492 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	UPC	Footnote
9751 060100	Chrome	612825258186	
9751 0601000	Chrome	612825258193	C

Footnote:	C - CRATE REEL PUT-UP.

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