



Product: [8791](#)

Electronic, 3 C #18 Str TC, PVC Ins, OA TC Srv, PVC Jkt

Request Sample

### Product Description

Electronic, 3 Conductor 18AWG (7x26) Tinned Copper, PVC Insulation, Overall Tinned Copper Serve Shield, PVC Outer Jacket

### Technical Specifications

#### Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...); line level audio; voice communications; panel wiring
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#### Construction Details

##### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	3	18 AWG	7x26	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.022 in (0.56 mm)	0.090 in (2.3 mm)	Black, Red, White

##### Outer Shield

Shield Type	Material	Coverage
Spiral Serve / Screen	Tinned Copper (TC)	80%

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.028 in (0.71 mm)	0.260 in (6.60 mm)

Overall Cable Diameter (Nominal): 0.260 in (6.60 mm)

#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	7.06 Ohm/1000ft	47 pF/ft (150 pF/m)	84 pF/ft (280 pF/m)	8 Amps per Conductor at 30°C

##### Voltage

Voltage Rating
450 V

#### Mechanical Characteristics

##### Temperature

Operating
-30°C to +75°C

##### Bend Radius

Stationary Min.	Installation Min.
2.6 in (66 mm)	2.6 in (66 mm)

Max. Pull Tension:	85 lbs (39 kg)
Bulk Cable Weight:	42 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
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: 0.503 Revision Date: 01-20-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
8791 060500	Chrome	Reel	500 ft	612825216490
8791 0601000	Chrome	Reel	1,000 ft	612825216483
8791 060U1000	Chrome	UnReel	1,000 ft	612825216476
8791 0605000	Chrome	Reel	5,000 ft	612825216506

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