



**Part Number:** 9261

Audio/Control/Instrumentation, (12) 20 AWG (7x28) TC, PVC/PVC, TC Braid Shld, CMG

## Product Description

Twelve 20 AWG stranded (7x28) tinned copper conductors PVC insulation, tinned copper braid shield (85% shield coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
20	7x28	TC - Tinned Copper	12
<b>Total Number of Conductors:</b>			12

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

#### Color Chart 1:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White

#### Outershield 1:

Type	Material	Coverage [%]
Braid	TC - Tinned Copper	85 %

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.396 in	0.04 in

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
9.5 Ohm/1000ft	2.4 Ohm/1000ft

#### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
26 pF/ft	57 pF/ft

#### Current:

Max. Recommended Current [A]
3.2 Amps per conductor @ 25°C

#### Inductance:

Nominal Inductance
0.188 $\mu$ H/ft

#### Voltage:

UL Voltage Rating	
300 V RMS	

## Use

Max Recommended Pulling Tension:	180 lbs
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## Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

## Temperature Range

Operating Temp Range:	-20°C To +80°C
UL Temp Rating:	80°C (UL AWM Style 2464)

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	4 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CEC/C(UL) Specification:	CEC/C(UL) Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
UL AWM Style:	AWM Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
9261 0601000	CHROME	Reel	1000 ft
9261 060100	CHROME	Reel	100 ft

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