Part Number: 9260

Audio/Control/Instrumentation, (6) 20 AWG (7x28) TC, PVC/PVC, TC Braid Shld, CMG

⚏ Request Sample

Product Description

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

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
20	7x28	TC - Tinned Copper	6

Conductor Count:	6
Conductor Size:	20 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

Color Chart

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue

Outer Shield Material

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

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.305 in	0.032 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
9.5 Ohm/1000ft	2.8 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
26 pF/ft	50 pF/ft

Shielding:	Braid(s)

Current

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

Voltage

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	64 lbs/1000ft
Max Recommended Pulling Tension:	90 lbs
Min Bend Radius/Minor Axis:	3.25 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	UL Style 2464 (300 V 80°C)
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Footnote
9260 060100	Chrome	
9260 0601000	Chrome	C
9260 060500	Chrome	C
9260 0605000	Chrome	C Z

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.