

Part Number: 9302

Audio, Control & Instrument, #22-2pr, PVC, O/A Foil, PVC Jkt, CMG

Product Description

Audio, Control & Instrument Cable, 22 AWG solid tinned copper conductors, PVC insulation, twisted pairs, overall Beldfoil® shield (100% coverage), 22 AWG stranded tinned copper drain wire, PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
22	Solid	TC - Tinned Copper	2

Conductor Count:	4
Conductor Size:	22 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.013 in

Color Chart

Number	Color
1	Black & Red
2	Black & White

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	22	7x30 mm

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.244 in	0.032 in

Construction and Dimensions

Stranding

Twists
10.9 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
16.5 Ohm/1000ft	10.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
35 pF/ft	50 pF/ft

Inductance

Nominal Inductance
0.2 µH/ft

Current

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

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	27 lbs/1000ft
Max Recommended Pulling Tension:	31 lbs
Min Bend Radius/Minor Axis:	2.5 in

Standards

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM 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 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
9302 0601000	Chrome	C
9302 060500	Chrome	C
9302 0605000	Chrome	C
9302 060U1000	Chrome	
9302 060U500	Chrome	

Footnote:	C - CRATE REEL PUT-UP.

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