





Audio, Control & Instrument, #22-9pr, PO, Indiv. Foil, PVC Jkt, CM

Product Description

Audio, Control & Instrument Cable, 22 AWG stranded (7x30) tinned copper conductor, polypropylene insulation, twisted pairs individually shielded with Beldfoil® (100% coverage), overall PVC jacket and 22 AWG stranded tinned copper drain wire.

Technical Specifications

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors	No. of Pairs
22	7x30	TC - Tinned Copper	0.03 in	18	9
Conductor Count: 18					
Condu	ctor Size:				22 AWG

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.011 in

Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown
7	Black & Orange
8	Red & White
9	Red & Green

Inner Shield Material

ľ	Туре	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
	Таре	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	22	Stranded mm

Outer Shield Material



Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.41 in	0.034 in

Conductor DCR

	Individual Pair Nominal Shield DCR	Nominal Conductor DCR
ľ	10.6 Ohm/1000ft	15 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
30 pF/ft	55 pF/ft
Shielding:	Individually Foiled + No O

Inductance

Nominal Inductance

Impedance

Nominal Characteristic Impedance
50 Ohm

Delay

Max. Delay Skew	Nominal Velocity of Propagation (VP) [%]
66 ns/100m	66 %

Current

Max. Recommended Current [A]

1.4 Amps per conductor @ 25°C A

Voltage

UL Description	UL Voltage Rating
UL AWM Style 2919	30 V RMS (UL AWM Style 2919)
CM	300 V RMS (CM)

Mated Connection

Max. Insertion Loss Belden** (dB) 10.3 dB

UL Temp Rating: 80°C (UL AWM Style 2919) Operating Temp Range: -20°C To +80°C Bulk Cable Weight: 101 lbs/1000ft Max Recommended Pulling Tension: 230 lbs Min Bend Radius/Minor Axis: 4.25 in NEC/(UL) Specification: CM UL AWM Style: 919 (30 V 80°C) CPR Euroclass: Eca 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 ROHS Compliance Date (yyyy-mm-dd): 2004-01-01 CA Prop 65 (CJ for Wire & Cable): Yes MI Order #39 (China RoHS): Yes UL Flammability: UL 1685 UL Loading UL voltage rating: 30 V RMS (UL AWM Style 2919)	10.0 45	
Bulk Cable Weight: 101 lbs/1000ft Max Recommended Pulling Tension: 230 lbs Min Bend Radius/Minor Axis: 4.25 in NEC/(UL) Specification: CM UL AWM Style: 2919 (30 V 80°C) CPR Euroclass: Eca 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): 2004-01-01 CA Prop 65 (CJ for Wire & Cable): Yes MII Order #39 (China RoHS): Yes UL Flammability: UL 1685 UL Loading UL voltage rating: 30 V RMS (UL AWM Style 2919)	UL Temp Rating:	80°C (UL AWM Style 2919)
Max Recommended Pulling Tension: Min Bend Radius/Minor Axis: NEC/(UL) Specification: CEC/C(UL) Specification: CM CEC/C(UL) Specification: CM UL AWM Style: CPR Euroclass: EU Directive 2000/53/EC (ELV): EU Directive 2003/96/EC (BFR): EU Directive 2011/65/EU (ROHS II): EU Directive 2012/19/EU (WEEE): EU Directive 2012/19/EU (WEEE): EU CE Mark: EU ROHS Compliance Date (yyyy-mm-dd): CA Prop 65 (CJ for Wire & Cable): MII Order #39 (China RoHS): UL Flammability: UL voltage rating: 200 la Roh 300 V RMS (UL AWM Style 2919)	Operating Temp Range:	-20°C To +80°C
Min Bend Radius/Minor Axis: 4.25 in NEC/(UL) Specification: CM CEC/C(UL) Specification: CM UL AWM Style: 2919 (30 V 80°C) CPR Euroclass: Eca 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): 2004-01-01 CA Prop 65 (CJ for Wire & Cable): Yes MII Order #39 (China RoHS): Yes UL Flammability: UL 1685 UL Loading UL voltage rating: 30 V RMS (UL AWM Style 2919)	Bulk Cable Weight:	101 lbs/1000ft
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CEC/C(UL) Specification: CM UL AWM Style: CPR Euroclass: ECa EU Directive 2000/53/EC (ELV): EU Directive 2003/96/EC (BFR): EU Directive 2011/65/EU (ROHS II): EU Directive 2012/19/EU (WEEE): EU Directive Compliance: EU Directive Compliance: EU RoHS Compliance Date (yyyy-mm-dd): CA Prop 65 (CJ for Wire & Cable): MII Order #39 (China RoHS): UL voltage rating: CM WE EU GM CM CM CM CM CM CM CM CM CM	Min Bend Radius/Minor Axis:	4.25 in
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EU CE Mark: EU RoHS Compliance Date (yyyy-mm-dd): CA Prop 65 (CJ for Wire & Cable): MII Order #39 (China RoHS): UL Flammability: UL voltage rating: Yes UL voltage rating: Yes UL Ves UL AWM Style 2919)	EU Directive 2012/19/EU (WEEE):	Yes
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MII Order #39 (China RoHS): UL Flammability: UL voltage rating: Yes UL 1685 UL Loading 30 V RMS (UL AWM Style 2919)	EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
UL Flammability: UL1685 UL Loading UL voltage rating: 30 V RMS (UL AWM Style 2919)	CA Prop 65 (CJ for Wire & Cable):	Yes
UL voltage rating: 30 V RMS (UL AWM Style 2919)	MII Order #39 (China RoHS):	Yes
	UL Flammability:	UL1685 UL Loading
Plenum (Y/N): No	UL voltage rating:	30 V RMS (UL AWM Style 2919)
	Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Footnote
8774 060100	Chrome	
8774 0601000	Chrome	С
8774 060250	Chrome	С
8774 060500	Chrome	С

Footnote: C - CRATE REEL PUT-UP.

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