



Part Number: 9685

Audio, Control, Communication and Instrumentation Cable

Product Description

22 AWG stranded (7x30) tinned copper conductors, PVC insulation, one pair Beldfoil® shielded (100% coverage), stranded tinned copper drain wire, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors	No. of Pairs
22	7x30	TC - Tinned Copper	1	1
Total Number of Conductors:			3	

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.014 in

Color Chart 1:

Number	Color
1	Shielded: Black & White
2	Unshielded: Brown

Innershield:

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

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.199 mm	0.032 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
17 Ohm/km

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
60 pF/m	99 pF/m

Current:

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

Inductance:

Nominal Inductance
0.1 µH/m

Voltage:

UL Voltage Rating
300V RMS

Use

Max Recommended Pulling Tension:	27.3 lbs
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Safety

UL Flammability:	UL1685 UL Loading
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Temperature Range

Operating Temp Range:	-20°C To +60°C
UL Temp Rating:	90°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	2 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
NEC Articles:	800
NEC/(UL) Specification:	CM
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

History

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