

Part Number: 9740

Audio, Control and Instrumentation Cable



Product Description

18 AWG stranded (16x30) tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Pairs
18	16x30	TC - Tinned Copper	1
Total Number of Conductors:			2

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.013 in

Color Chart 1:

Number	Color
1	Black & Red

Stranding:

Lay Length	Lay Direction	Twists
2 mm	Left Hand	6 twist/ft

Innershield:

Material
Unshielded

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.21 mm	0.032 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
6.86 Ohm/km

Capacitance:

Nom. Capacitance Conductor to Conductor
25.5 pF/m

Current:

Element	Max. Recommended Current [A]
10C Temperature Rise	4.8 Amps per conductor @ 20°C ambient

Voltage:

UL Voltage Rating
300V RMS

Use

Suitability - Indoor:	Yes
Max Recommended Pulling Tension:	45 lbs

Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

Temperature Range

Operating Temp Range:	-20°C To +80°C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.25 in
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Part Number

Plenum (Y/N):	No
Plenum Number:	89740, 87740, 82740

Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMG
MII Order #39 (China RoHS):	Yes
NEC Articles:	800, 725
NEC/(UL) Specification:	CL3^CMG
UL AWM Style:	UL Style 2464 (300V 80°C)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

History

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