



Part Number: 8619

Audio/Control/Instrumentation, (19) 18 AWG (19x30)
TC, PVC/PVC, CMG

Product Description

Nineteen 18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
18	19x30	TC - Tinned Copper	19
Total Number of Conductors:			19

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.018 in

Color Chart 1:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White
13	Red/White
14	Green/White
15	Blue/White
16	Black/Red
17	White/Red
18	Orange/Red
19	Blue/Red

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.49 in	0.045 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
6.3 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor
26 pF/ft

Current:

Element	Max. Recommended Current [A]
10C Temperature Rise	2.5 Amps per conductor @ 25°C ambient

Voltage:

UL Voltage Rating
300 V RMS

Use

Suitability - Indoor:	Yes
Max Recommended Pulling Tension:	475 lbs

Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

Temperature Range

Non-UL Temp Rating:	60°C (UL AWM Style 2598)
Operating Temp Range:	-20°C To +60°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	5 in
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Part Number

Plenum (Y/N):	No
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Standards

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

History

Product Variants

Part Number	Color	Put-Up Type	Length
8619 0601000	CHROME	Reel	1000 ft
8619 060100	CHROME	Reel	100 ft
8619 0605000	CHROME	Reel	5000 ft
8619 060500	CHROME	Reel	500 ft

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