



Part Number: 8465

Audio/Control/Instrumentation, (5) 18 AWG (19x30) TC,
PVC/PVC, CMG

Product Description

Five 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	5
Total Number of Conductors:			5

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

Color Chart 1:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Brown

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.282 in	0.033 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
6.3 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor
26 pF/ft

Current:

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

Voltage:

UL Voltage Rating
300 V RMS (UL AWM Style 2598)

Use

Max Recommended Pulling Tension:	125 lbs
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Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

Temperature Range

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

Mechanical Characteristics

Min Bend Radius/Minor Axis:	3 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/(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

Notes:	Nominal Loop Inductance: .18 µH/ft.
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Product Variants

Part Number	Color	Put-Up Type	Length
8465 0601000	CHROME	Reel	1000 ft
8465 060100	CHROME	Reel	100 ft
8465 0605000	CHROME	Reel	5000 ft
8465 060500	CHROME	Reel	500 ft
8465 060U1000	CHROME	UnReel	1000 ft
8465 060U500	CHROME	UnReel	500 ft

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