

Part Number: 8445

Audio/Control/Instrumentation, (5) 22 AWG (7x30) TC,
PVC/PVC, CMG

Product Description

Five 22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, PVC Jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	5

Total Number of Conductors:	5
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Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

Color Chart 1:

Color
Black
White
Red
Green
Brown

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.194 in	0.032 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
15.6 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor
34 pF/ft

Current:

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

Inductance:

Nominal Inductance
0.17 µH/ft

Voltage:

UL Description	UL Voltage Rating
CMG	300 V RMS
UL AWM Style 2576	150 V RMS

Use

Max Recommended Pulling Tension:	46 lbs
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Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

Temperature Range

Operating Temp Range:	-20°C To +80°C
UL Temp Rating:	80°C (UL AWM Style 2576)

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):	CA Prop 65 (CJ for Wire & Cable)
CEC/C(UL) Specification:	CEC/C(UL) Specification
CSA AWM Specification:	CSA 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

Product Variants

Part Number	Color	Put-Up Type	Length
8445 0601000	CHROME	Reel	1000 ft
8445 060100	CHROME	Reel	100 ft
8445 0605000	CHROME	Reel	1000 ft
8445 060500	CHROME	Reel	500 ft
8445 060U1000	CHROME	UnReel	1000 ft
8445 060U500	CHROME	UnReel	500 ft

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