

Part Number: 8457

Audio/Control/Instrumentation, (12) 22 AWG (7x30) TC,
PVC/PVC, CMG

Product Description

Twelve 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	12

Total Number of Conductors:	12
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Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

Color Chart 1:

Color
White
Black
Blue
Brown
Green
Gray
Orange
Purple
Red
Pink
Tan
Yellow

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.272 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]
2.1 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:	110 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:	2.75 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
8457 0601000	CHROME	Reel	1000 ft
8457 060100	CHROME	Reel	100 ft
8457 0605000	CHROME	Reel	5000 ft
8457 060500	CHROME	Reel	500 ft
8457 060U1000	CHROME	UnReel	1000 ft
8457 060U500	CHROME	UnReel	500 ft

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