

Part Number: 9746

Electronic, 4 Pr #22 Str TC, PVC Ins, PVC Jkt, CMG

Request Sample

Product Description

Electronic, 4 Pair 22AWG (7x30) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
22	7x30	TC - Tinned Copper	4

Conductor Count:	8
Total Number of Pairs:	4
Conductor Size:	22 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.281 in	0.032 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
14.7 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
25.5 pF/ft

Current

Max. Recommended Current [A]
1.9 Amps per conductor @ 20°C

Voltage

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

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	38 lbs/1000ft
Max Recommended Pulling Tension:	72 lbs
Min Bend Radius/Minor Axis:	3 in

Standards

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	UL Style 2576 (150 V 80°C)
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
UL voltage rating:	150 V RMS (UL AWM Style 2576)

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Footnote
9746 0601000	Chrome	C
9746 060500	Chrome	C

Footnote:	C - CRATE REEL PUT-UP.

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