



ISO 9001: 2015

Product Data Sheet

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Part Number 73 - 481

Product Description CSA CMG, 1PR 24 AWG 7 Strand Tinned Copper, HDPE Insulation, PVC Jacket, Overall Shield, 300V Cable

Specifications Reference CSA C22.2 No. 214 Communication Cables
CSA C22.2 No. 210 Appliance Wiring

Additional Specifications None

Standard Jacket Print

LOW CAPACITANCE CSA CMG 24 AWG FT4 60C LL83251 RU AWM STYLE 2919 80C LOW VOLTAGE COMPUTER CABLE E111002 ROHS
work order #, month, year, meter markings (every 1 meter)

Construction Details

Conductor

Description	24 AWG 7 Strand Tinned Copper
Standard	ASTM B8 (Class B), B33
Nominal Diameter	0.0240 inch (0.610 mm)

Insulation

Material	High Density Polyethylene
Thickness	0.015 inch (0.381 mm)
Nominal Diameter	0.056 inch (1.422 mm)

Pairs Identification

Colour	WHT/BLU, BLU/WHT
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Pairing

Nominal Diameter	0.117 inch (2.972 mm)
Pair Shield	Aluminum/Mylar Tape
Drain	24-7T Copper Concentric
Drain Nominal Diameter	0.024 inch (0.610 mm)

Bonding

Conductor	None
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Cable Core Assembly

Drain	24-7T Copper Concentric
Drain Nominal Diameter	0.024 inch (0.610 mm)

Jacket

Nominal Diameter	0.183 inch (4.648 mm)
Minimum Average Thickness	0.030 inch (0.762 mm)
Material	Flame Retardant PVC
Ripcord	POLYESTER
Color	METALLIC GREY

Electrical Parameters

Voltage	300 V	
Conductor Resistance	84.3100 Ohm/km @20C	25.6980 Ohm/1000 ft @20C
Pair Capacitance	48.61 pF/m	14.82 pF/ft
Impedance	108.55 Ohm	

Mechanical Parameters

Flame Test Rating	CSA FT4	
Temperature Rating	-40 to 80C	
Overall Cable Diameter	0.183 inch (4.648 mm)	
Cable Weight	27.94 kgs/km	18.77 lbs/1000 ft
Copper Content	8.15 kgs/km	5.48 lbs/1000 ft
Max Pull Tension (Eye)	4.47 kgf	9.86 lbf
Min Bending Radius	37 mm (installed)	1.5 inch (installed)
Min Installation Temperature	-20C	

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