

Part Number 73 - 702

Product Description CSA CMG, 3PR 24 AWG 7 Strand Tinned Copper, PE-FOAM Insulation, PVC Jacket, Overall Shield, Cable

Specifications Reference CSA C22.2 No. 214 Communication Cables

UL 758 Appliance Wiring Material

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)
Type	Concentric

Insulation

Material	Polyethylene Foam
Thickness	0.013 inch (0.330 mm)
Nominal Diameter	0.052 inch (1.321 mm)

Pairs Identification

Colour	WHT/BLU BLU/WHT, WHT/ORG ORG/WHT
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Pairs/Triads/Quads

Nominal Diameter	0.104 inch (2.642 mm)
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Bonding

Conductor	None
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Cable Core Assembly

Nominal Diameter	0.192 inch (4.878 mm)
Fillers	None
Overall Shield Tape	Aluminum/Mylar Tape
Drain	24-7T Copper Concentric
Drain Nominal Diameter	0.024 inch (0.610 mm)

Jacket

Nominal Diameter	0.258 inch (6.554 mm)
Minimum Average Thickness	0.030 inch (0.762 mm)
Material	Flame Retardant PVC
Ripcord	POLYESTER
Color	ORANGE

Electrical Parameters

Voltage Rating	300 V	
Conductor Resistance	84.3100 Ohm/km @20C	25.6980 Ohm/1000 ft @20C
Pair Capacitance	30.13 pF/m	9.18 pF/ft
Inductance (HF)	0.598 µH/m	0.182 µH/ft
Impedance	143.93 Ohm	

Mechanical Parameters

Flame Test Rating	CSA FT4	
Temperature Rating	to 60C	
Overall Cable Diameter	0.258 inch (6.554 mm)	
Cable Weight	46.21 kg/km	31.05 lbs/1000 ft
Copper Content	14.66 kg/km	9.85 lbs/1000 ft
Max Pull Tension (Eye)	13.41 kgf	29.57 lbf
Min Bending Radius	52 mm (installed)	2.1 inch (installed)
Min Installation Temperature	-20C	

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