

Part Number 73 - 107

Product Description CSA CMG, 1PR 22 AWG 7 Strand Tinned Copper, PE-FOAM Insulation, PVC Jacket, Overall Shield, 300V Cable

Specifications Reference

CSA C22.2 No. 210 Appliance Wiring

Additional Specifications

None

Standard Jacket Print

CSA CMG 22 AWG FT4 LL83251 WWW.CERCOCABLE.COM 8247 AT-HOM 29 (108 OHMS) A B C D E F G H I J ROHS
work order #, month, year, meter markings (every 1 meter)

Construction Details

Conductor

Description	22 AWG 7 Strand Tinned Copper
Standard	ASTM B8 (Class B), B33
Nominal Diameter	0.0300 inch (0.762 mm)

Insulation

Material	Polyethylene Foam
Thickness	0.017 inch (0.432 mm)
Nominal Diameter	0.066 inch (1.676 mm)

Pair Identification

Colour	Standard
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Pairing

Nominal Diameter	0.137 inch (3.480 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	0.203 inch (5.156 mm)
Minimum Average Thickness	0.030 inch (0.762 mm)
Material	Flame Retardant PVC
Ripcord	POLYESTER
Color	To be specified by customer

Electrical Parameters

Voltage	300 V	
Conductor Resistance	54.4600 Ohm/km @20C	16.5996 Ohm/1000 ft @20C
Pair Capacitance	37.61 pF/m	11.46 pF/ft
Impedance	120.51 Ohm	

Mechanical Parameters

Flame Test Rating	CSA FT4	
Temperature Rating	to 105C	
Overall Cable Diameter	0.203 inch (5.156 mm)	
Cable Weight	33.17 kgs/km	22.29 lbs/1000 ft
Copper Content	10.47 kgs/km	7.04 lbs/1000 ft
Max Pull Tension (Eye)	6.99 kgf	15.40 lbf
Min Bending Radius	41 mm (installed)	1.6 inch (installed)
Min Installation Temperature	-20C	

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