

Part Number 73 - 902

Product Description CSA AWM, 3C 22 AWG 7 Strand Tinned Copper, SR-PVC Insulation, PVC Jacket, Overall Shield, 600V Cable

Specifications Reference CSA C22.2 No. 214 Communication Cables

CSA C22.2 No. 210 Appliance Wiring

Additional Specifications None

Standard Jacket Print

CSA AWM II A/B 105C 600V FT4 LL67097 WWW.CERCOCABLE.COM (CERCO PART#) AT-HOM 29 A B C D E F G H I J ROHS (METER MARKING)

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	Semi-Rigid PVC
Thickness	0.009 inch (0.229 mm)
Nominal Diameter	0.050 inch (1.270 mm)

Conductors Identification

Colour	BLK, RED/WHT, BLU/WHT
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Bonding

Conductor	None
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Cable Core Assembly

Nominal Diameter	0.116 inch (2.938 mm)
Fillers	None
Overall Shield Tape	Aluminum/Mylar Tape
Drain	22-7T Copper Concentric
Drain Nominal Diameter	0.030 inch (0.762 mm)

Jacket

Nominal Diameter	0.172 inch (4.361 mm)
Minimum Average Thickness	0.025 inch (0.635 mm)
Material	Flame Retardant PVC
Ripcord	POLYESTER
Color	ORANGE

Electrical Parameters

Voltage	600 V	
Conductor Resistance	54.4600 Ohm/km @20C	16.5996 Ohm/1000 ft @20C
Inductive Reactance	0.1152 Ohm/km @60 Hertz	0.03512 Ohm/1000 ft @60 Hertz
Capacitance	83.87 pF/m	25.56 pF/ft
Inductance	0.30 µH/m	0.093 µH/ft
Impedance	42.90 Ohm	

Mechanical Parameters

Flame Test Rating	CSA FT4	
Temperature Rating	to 105C	
Overall Cable Diameter	0.172 inch (4.361 mm)	
Cable Weight	29.57 kgs/km	19.87 lbs/1000 ft
Copper Content	12.87 kgs/km	8.65 lbs/1000 ft
Max Pull Tension (Eye)	10.48 kgf	23.10 lbf
Min Bending Radius	35 mm (installed)	1.4 inch (installed)
Min Installation Temperature	-20C	

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