

Part Number 74 - 993

Product Description CSA AWM, 3C 18 AWG 7 Strand Bare Copper, SR-PVC Insulation, PVC Jacket, Not Shielded, 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	18 AWG 7 Strand Bare Copper
Standard	ASTM B8 (Class B)
Nominal Diameter	0.0477 inch (1.212 mm)

Insulation

Material	Semi-Rigid PVC
Thickness	0.009 inch (0.229 mm)
Nominal Diameter	0.068 inch (1.727 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	0.150 inch (3.823 mm)
Fillers	None

Jacket

Nominal Diameter	0.196 inch (4.991 mm)
Minimum Average Thickness	0.020 inch (0.508 mm)
Material	Flame Retardant PVC
Ripcord	POLYESTER
Color	ORANGE

Electrical Parameters

Voltage	600 V	
Conductor Resistance	21.4600 Ohm/km @20C	6.5411 Ohm/1000 ft @20C
Inductive Reactance	0.1038 Ohm/km @60 Hertz	0.03163 Ohm/1000 ft @60 Hertz
Capacitance	100.79 pF/m	30.72 pF/ft
Inductance	0.27 µH/m	0.083 µH/ft
Impedance	37.61 Ohm	

Mechanical Parameters

Flame Test Rating	CSA FT4	
Temperature Rating	to 105C	
Overall Cable Diameter	0.196 inch (4.991 mm)	
Cable Weight	41.47 kgs/km	27.87 lbs/1000 ft
Copper Content	24.39 kgs/km	16.39 lbs/1000 ft
Max Pull Tension (Eye)	26.49 kgf	58.40 lbf
Min Bending Radius	40 mm (installed)	1.6 inch (installed)
Min Installation Temperature	-20C	

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