

Part Number 74 - 968

Product Description CSA AWM, 2C 20 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	20 AWG 7 Strand Bare Copper
Standard	ASTM B8 (Class B)
Nominal Diameter	0.0378 inch (0.960 mm)

Insulation

Material	Semi-Rigid PVC
Thickness	0.010 inch (0.254 mm)
Nominal Diameter	0.060 inch (1.524 mm)

Conductors Identification

Colour	BLK, RED/WHT
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Bonding

Conductor	None
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Cable Core Assembly

Nominal Diameter	0.124 inch (3.149 mm)
Fillers	None

Jacket

Nominal Diameter	0.160 inch (4.063 mm)
Minimum Average Thickness	0.015 inch (0.381 mm)
Material	Flame Retardant PVC
Ripcord	POLYESTER
Color	ORANGE

Electrical Parameters

Voltage	600 V	
Conductor Resistance	33.8000 Ohm/km @20C	10.3024 Ohm/1000 ft @20C
Inductive Reactance	0.1116 Ohm/km @60 Hertz	0.03403 Ohm/1000 ft @60 Hertz
Capacitance	88.36 pF/m	26.93 pF/ft
Inductance	0.30 µH/m	0.090 µH/ft
Impedance	41.25 Ohm	

Mechanical Parameters

Flame Test Rating	CSA FT4	
Temperature Rating	to 105C	
Overall Cable Diameter	0.160 inch (4.063 mm)	
Cable Weight	20.94 kgs/km	14.07 lbs/1000 ft
Copper Content	10.21 kgs/km	6.86 lbs/1000 ft
Max Pull Tension (Eye)	11.09 kgf	24.45 lbf
Min Bending Radius	33 mm (installed)	1.3 inch (installed)
Min Installation Temperature	-20C	

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