

Part Number 74 - 626

Product Description CSA CMG/AWM, 6C 18 AWG 16 Strand Tinned 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
UL 444 Communication Cables

Additional Specifications None

Standard Jacket Print

CSA CMG 60C 18 AWG LL83251 (UL) CM 18 AWG E129985 CSA AWM II A/B 105C 600V FT4 LL67097 - - - ROHS
work order #, month, year, meter markings (every 1 meter)

Construction Details

Conductor

Description	18 AWG 16 Strand Tinned Copper
Standard	ASTM B33
Nominal Diameter	0.0470 inch (1.194 mm)
Type	Bunched

Insulation

Material	Semi-Rigid PVC
Thickness	0.012 inch (0.305 mm)
Nominal Diameter	0.073 inch (1.854 mm)

Conductors Identification

Colour	TBD
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Bonding

Conductor	None
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Cable Core Assembly

Nominal Diameter	0.219 inch (5.563 mm)
Fillers	None

Jacket

Nominal Diameter	0.271 inch (6.883 mm)
Minimum Average Thickness	0.023 inch (0.584 mm)
Material	Flame Retardant PVC
Ripcord	POLYESTER
Color	METALLIC GREY

Electrical Parameters

Voltage Rating	300/600 V (CSA CMG/AWM)	
Conductor Resistance	23.4600 Ohm/km @20C	7.1507 Ohm/1000 ft @20C
Inductive Reactance	0.1096 Ohm/km @60 Hertz	0.03341 Ohm/1000 ft @60 Hertz
Capacitance	93.17 pF/m	28.40 pF/ft
Inductance (HF)	0.227 µH/m	0.069 µH/ft
Impedance	39.69 Ohm	

Mechanical Parameters

Flame Test Rating	CSA FT4	
Temperature Rating	to 60C (CMG), 105C (AWM)	
Overall Cable Diameter	0.271 inch (6.883 mm)	
Cable Weight	76.57 kg/km	51.45 lbs/1000 ft
Copper Content	44.11 kg/km	29.64 lbs/1000 ft
Max Pull Tension (Eye)	47.90 kgf	105.60 lbf
Min Bending Radius	55 mm (installed)	2.2 inch (installed)
Min Installation Temperature	-20C	

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