

Part Number: 74 - 328

Product Description CSA CMG/AWM, 2C 16 AWG 26 Strand Tinned Copper, SR-PVC Insulation, Flame Retardant 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

Cable Markings

CSA CMG 60C 16 AWG LL83251 (UL) CM 16 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	16 AWG 26 Strand Tinned Copper
Standard	ASTM B33
Nominal Diameter	0.0600 inch (1.524 mm)
Type	Bunched

Insulation

Material	Semi-Rigid PVC
Thickness	0.015 inch (0.381 mm)
Nominal Diameter	0.092 inch (2.337 mm)

Conductors Identification

Colour Chart	To Be Specified
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Bonding

Conductor	None
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Cable Core Assembly

Nominal Diameter	0.184 inch (4.674 mm)
Fillers	None

Jacket

Nominal Diameter	0.236 inch (5.994 mm)
Minimum Average Thickness	0.023 inch (0.584 mm)
Material	Flame Retardant PVC
Ripcord	POLYESTER
Color	To be specified

Electrical Parameters

Voltage Rating	300/600 V (CSA CMG/AWM)	
Conductor DC Resistance	14.11 Ohm/km @20C	4.30 Ohm/1000 ft @20C
Inductive Reactance	0.1087 Ohm/km @60 Hertz	0.03312 Ohm/1000 ft @60 Hertz
Mutual Capacitance	85.85 pF/m	26.17 pF/ft
Inductance (HF)	0.224 µH/m	0.068 µH/ft
Impedance	38.84 Ohm	

Mechanical Parameters

Flame Test Rating	CSA FT4	
Temperature Rating	to 60C (CMG), 105C (AWM)	
Overall Cable Diameter	0.236 inch (5.994 mm)	
Cable Weight	46.7 kg/km	31.4 lbs/1000 ft
Copper Content	23.9 kg/km	16.1 lbs/1000 ft
Max Pull Tension (Eye)	25.9 kgf	57.2 lbf
Min Bending Radius	48 mm (installed)	1.9 inch (installed)
Min Installation Temperature	-20C	

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