

Part Number 83 - 344

Product Description CSA CMP, 4C 22 AWG 7 Strand Bare Copper, PVC Insulation, PVC Jacket, Overall Shield, 300V Cable

Specifications Reference CSA C22.2 No. 214 Communication Cables
UL 444 Communication Cables

Additional Specifications None

Standard Jacket Print

CSA CMP 22 AWG FT6 LL83251 AWM I/II A/B 75C 600V FT6 LL67097 - - - - ROHS
work order #, month, year, meter markings (every 1 meter)

Construction Details

Conductor

Description	22 AWG 7 Strand Bare Copper
Standard	ASTM B8 (Class B)
Nominal Diameter	0.0300 inch (0.762 mm)

Insulation

Material	Flame Retardant PVC
Thickness	0.007 inch (0.178 mm)
Nominal Diameter	0.046 inch (1.168 mm)

Conductors Identification

Colour	BLK, WHT, RED, GRN
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Bonding

Conductor	None
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Cable Core Assembly

Nominal Diameter	0.115 inch (2.922 mm)
Fillers	None
Overall Shield Tape	Aluminum/Mylar Tape
Drain	24-7T Copper Concentric
Drain Nominal Diameter	0.024 inch (0.610 mm)

Jacket

Nominal Diameter	0.151 inch (3.836 mm)
Minimum Average Thickness	0.015 inch (0.381 mm)
Material	Flame Retardant PVC
Ripcord	POLYESTER
Color	GREY

Electrical Parameters

Voltage	300 V	
Conductor Resistance	53.8000 Ohm/km @20C	16.3984 Ohm/1000 ft @20C
Inductive Reactance	0.1091 Ohm/km @60 Hertz	0.03325 Ohm/1000 ft @60 Hertz
Capacitance	80.50 pF/m	24.54 pF/ft
Inductance	0.29 µH/m	0.088 µH/ft
Impedance	45.76 Ohm	

Mechanical Parameters

Flame Test Rating	CSA FT6	
Temperature Rating	0 to 60C	
Overall Cable Diameter	0.151 inch (3.836 mm)	
Cable Weight	29.47 kgs/km	19.80 lbs/1000 ft
Copper Content	14.92 kgs/km	10.03 lbs/1000 ft
Max Pull Tension (Eye)	13.97 kgf	30.80 lbf
Min Bending Radius	31 mm (installed)	1.2 inch (installed)
Min Installation Temperature	-20C	

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