

Part Number 84 - 319

Product Description CSA CMP, 4C 18 AWG 7 Strand Bare Copper, PVC Insulation, PVC Jacket, Not Shielded, 300V Cable

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

Additional Specifications None

Standard Jacket Print

CSA CMP 18 AWG FT6 LL83251 WWW.CERCOCABLE.COM (CERCO PART #) AT-HOM 29 A B C D E F G H I J ROHS (METER MARKINGS)
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	Flame Retardant PVC
Thickness	0.007 inch (0.178 mm)
Nominal Diameter	0.064 inch (1.626 mm)

Conductors Identification

Colour	BLK, RED/WHT, BLU/WHT, BLK/WHT
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Bonding

Conductor	None
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Cable Core Assembly

Nominal Diameter	0.158 inch (4.026 mm)
Fillers	None

Jacket

Nominal Diameter	0.194 inch (4.940 mm)
Minimum Average Thickness	0.015 inch (0.381 mm)
Material	Flame Retardant PVC
Ripcord	POLYESTER
Color	ORANGE

Electrical Parameters

Voltage	300 V	
Conductor Resistance	21.4600 Ohm/km @20C	6.5411 Ohm/1000 ft @20C
Inductive Reactance	0.0993 Ohm/km @60 Hertz	0.03027 Ohm/1000 ft @60 Hertz
Capacitance	96.40 pF/m	29.38 pF/ft
Inductance	0.26 µH/m	0.080 µH/ft
Impedance	40.60 Ohm	

Mechanical Parameters

Flame Test Rating	CSA FT6	
Temperature Rating	0 to 60C	
Overall Cable Diameter	0.194 inch (4.940 mm)	
Cable Weight	50.93 kgs/km	34.22 lbs/1000 ft
Copper Content	32.52 kgs/km	21.86 lbs/1000 ft
Max Pull Tension (Eye)	35.32 kgf	77.87 lbf
Min Bending Radius	40 mm (installed)	1.6 inch (installed)
Min Installation Temperature	-20C	

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