

Part Number 84 - 993

Product Description CSA CMP, 2C 16 AWG 19 Strand Tinned 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 16 AWG FT6 LL83251 WWW.CERCOCABLE.COM (CERCO PART #) AT-HOM 29 A B C D E F G H I J ROHS
work order #, month, year, meter markings (every 1 meter)

Construction Details

Conductor

Description	16 AWG 19 Strand Tinned Copper
Standard	ASTM B33
Nominal Diameter	0.0585 inch (1.486 mm)

Insulation

Material	Flame Retardant PVC
Thickness	0.008 inch (0.203 mm)
Nominal Diameter	0.077 inch (1.956 mm)

Conductors Identification

Colour	BLK, RED/WHT
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Bonding

Conductor	None
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Cable Core Assembly

Nominal Diameter	0.158 inch (4.013 mm)
Fillers	None

Jacket

Nominal Diameter	0.194 inch (4.927 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	14.1100 Ohm/km @20C	4.3008 Ohm/1000 ft @20C
Inductive Reactance	0.0975 Ohm/km @60 Hertz	0.02971 Ohm/1000 ft @60 Hertz
Capacitance	105.12 pF/m	32.04 pF/ft
Inductance	0.25 µH/m	0.076 µH/ft
Impedance	38.60 Ohm	

Mechanical Parameters

Flame Test Rating	CSA FT6	
Temperature Rating	0 to 60C	
Overall Cable Diameter	0.194 inch (4.927 mm)	
Cable Weight	39.60 kgs/km	26.61 lbs/1000 ft
Copper Content	23.90 kgs/km	16.06 lbs/1000 ft
Max Pull Tension (Eye)	25.95 kgf	57.22 lbf
Min Bending Radius	39 mm (installed)	1.6 inch (installed)
Min Installation Temperature	-20C	

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