

Date:

14-Nov-24

Product Number: **7201806BFT4**



CSA FAS105 ELECTRAlert Fire Alarm Cable - 300V 105C FT4

6/C 18 AWG Solid Bare Copper -ASTM B3

Polyvinyl Chloride (PVC) Insulation

Red -Polyvinyl Chloride (PVC) Outer Jacket

Temperature Rating -30°C to 105°C

General Specification of Product :

Final Diameter :	0.259 inches	6.6 mm
Total Cable Weight :	54 lbs/1000 ft	80 kg/km
Conductor :	18 AWG Solid Bare Copper ASTM B3	
Insulation :	Polyvinyl Chloride (PVC) Colour Code # 7	0.015 inches 0.4 mm
Shielding:	Unshielded	

Ripcord: Ripcord included

Outer Jacket Red -Polyvinyl Chloride (PVC) Outer Jacket

lay Length: ≥ 3.0"

Outdoor Rating : Sunlight Resistant

Certification and Approvals : CSA C22.2 No. 208, Fire alarm and signal cable (Type FAS105)

CSA C22.2 No. 2556, FT4 Vertical-Tray Flame Test

Print Notes : ECI ELECTRAlert FIRE ALARM & SIGNAL CABLE FAS105 300 VOLTS

SUN RES CSA LL61365 FT4 6/C 18 AWG

RoHS [Work Order No.]

Electrical Characteristics :

DC Resistance 20°C :	6.381 Ω/1000ft (20.93 Ω/km)
Inductance:	0.152 pH/ft
Impedance:	85.106 Ohms
Capacitance"	21.033 pf/ft

Physical Characteristics :

Maximum Pulling Tension :	78 lbs / 35 kg
Minimum Bend Radius - Pulling :	2.3 in. / 59 mm
Minimum Bend Radius - Permanent :	1.6 in. / 39 mm

Temperature :

Handling and Installation :	-10°C to +105°C
Operation and Storage :	-30°C to +105°C

Appropriate precautions should be taken for all installations below -10°C. Please consult Electro Cables for additional handling and installation instructions for cables exposed to lower ambient temperatures.

Fire Hazard Performance :

CSA C22.2 No. 2556 Method 2 - FT4 Vertical Flame Test

All Cables are Canadian Made in Ontario

Spec Tolerance of +/- 10% on all values

QMS Registered ISO 9001

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(All of the above values are approximated to within ±15%)

ElectroSIM R35
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