

Date:

14-Nov-24

Product Number: **7201808BFT4**



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

8/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 :	0.296 inches	7.5 mm
Total Cable Weight :	71 lbs/1000 ft	105 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 8/C 18 AWG RoHS [Work Order No.]
----------------------	---

Electrical Characteristics :		Physical Characteristics :	
DC Resistance 20°C :	6.381 Ω/1000ft (20.93 Ω/km)	Maximum Pulling Tension :	104 lbs / 47 kg
Inductance:	0.152 pH/ft	Minimum Bend Radius - Pulling :	2.7 in. / 68 mm
Impedance:	85.106 Ohms	Minimum Bend Radius - Permanent :	1.8 in. / 45 mm
Capacitance"	21.033 pF/ft		

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
----------------------------------	---