

Date:

14-Nov-24

Product Number: **7201203BAR4.R**



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

3/C 12 AWG Solid Bare Copper -ASTM B3

Polyvinyl Chloride (PVC) Insulation

Red- Polyvinyl Chloride(PVC) Inner Jacket

Red Coated - Aluminum Interlock Armour (AIA)

Temperature Rating -30°C to 105°C

General Specification of Product :

Final Diameter :	0.487 inches	12.4 mm
Total Cable Weight :	115 lbs/1000 ft	171 kg/km
Conductor :	12 AWG Solid Bare Copper ASTM B3	
Insulation :	Polyvinyl Chloride (PVC) , (Black, Red, Green)	0.020 inches 0.5 mm
Shielding:	Unshielded	
Inner Jacket	Red - Polyvinyl Chloride(PVC) Inner Jacket	
Ripcord:	Ripcord included	
Armour	Red Coated - Aluminum Interlock Armour (AIA)	

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 3/C 12 AWG

RoHS [Work Order No.]

Electrical Characteristics :		Physical Characteristics :	
DC Resistance 20°C :	1.655 Ω/1000ft (5.43 Ω/km)	Maximum Pulling Tension :	157 lbs / 71 kg
Inductance:	0.134 pH/ft	Minimum Bend Radius - Pulling :	5.8 in. / 148 mm
Impedance:	74.599 Ohms	Minimum Bend Radius - Permanent :	4.9 in. / 124 mm
Capacitance"	23.996 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

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
11/14/2024 12:00 PM