



SPECIFICATION SHEET

Phone: 888- ELECTRO or 613-394-4896

Fax: 613-394-4101 email: sales@electrocables.com

Mailing: P.O. Box 276, Trenton, ON K8V 5R5

www.electrocables.com

20-Aug-2019

Product Number : **7241403BFT4**

RoHS

ELECTRALERT® Shielded Fire Alarm Cable
3/C 14/1 AWG Bare Copper
300V 105°C FT4 CSA
PVC Insulation
Red PVC FT4 Jacket

General Specification of Product :

Final Diameter :	0.273 inches	6.934 mm
Total Cable Weight:	103 kg/km	69 lbs/1000 ft
Conductor :	14 AWG Solid Bare Copper Conductor	
Insulation :	PVC FT4	
Shield :	Overall Foil Shield	
Drain \ Ground:	22 AWG Solid Tinned Copper Conductor	
Outer Jacket :	PVC FT4	
Outdoor Rating :	Sunlight Resistant	

Certification and Approvals : CSA C22.2 No. 208-03

Print Notes :

Standard Print : ECI ELECTRALERT FIRE ALARM & SIGNAL CABLE FAS105 300 VOLTS SUN
RES CSA LL61365 FT4 3/C 14 AWG ROHS

Electrical Characteristics :

DC Resistance 25°C:	2.7 Ohms / 1000 ft
Mutual Capacitance :	83.5 pF/ft
Cond to Shield Cap. :	154.4 pF/ft
Impedance :	40 Ohms
Velocity of Prop :	60 %
Inductance. :	1.4 mH/km

Additional Information :

All Cables are Canadian Made in Ontario

QMS Registered ISO 9001

Electro Cables Inc. has been manufacturing quality cables for over 30 years.

(All of the above values are approximated to within +/- 10%)

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RED PVC FT-4 Jacket is 105°C flame retardant and sunlight resistant.

Application

ELECTRALERT® is designed for the interconnection of security system elements: including fire protective signaling devices such as smoke and fire detectors, fire alarms, and two-way emergency communication systems.

For use in normally dry locations for the wiring of control circuits of heating equipment and signaling circuits, etc.

FAS105: Fire Alarm & Signal Cable for interconnection of electrical devices within a security and fire protective signaling system. The cables are intended for installation according to Section 32 of the Canadian Electrical Code.

FT1: For installation in buildings of combustible construction (excluding plenum areas) per the Canadian Electrical Code, Rule 2-126 and the National Building Code Article 3.1.4.3.

FT4: For installation in buildings of non-combustible construction and plenum areas in any building per the Canadian Electrical Code, Rule 2-126 and the National Building Code Articles 3.1.5.18 and 3.6.4.3.

Please contact sales regarding Finished Lengths

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