



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

28-Aug-2019

Product Number : **7241603BAR4.R**

RoHS

Red Arm® O/A Shielded Fire Alarm 3/C 16/1 AWG SBC
300V 105°C FT4 CSA
PVC Insulation,
Overall Shield & Overall Drain
PVC Jacket FT4
RED Aluminum Armour

General Specification of Product :

Final Diameter : 0.377 inches 9.576 mm

Total Cable Weight: 112 kg/km 75 lbs/1000 ft

Conductor : 16 AWG Solid Bare Copper Conductor

Insulation : PVC FT4

Shield : Overall Foil Shield

Drain \ Ground: 22 AWG Solid Tinned Copper Conductor

Armour : Aluminum Interlock Armour

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 16 AWG ROHS

Electrical Characteristics :

DC Resistance 25°C: 4.3 Ohms / 1000 ft

Mutual Capacitance : 74.4 pF/ft

Cond to Shield Cap. : 137.9 pF/ft

Impedance : 50 Ohms

Velocity of Prop : 64 %

Inductance. : 1.4 mH/km

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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Additional Information :

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.

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