

## 2x18 AWG Shielded Fire Alarm and Control Cable

### DESCRIPTION

Short-range low-frequency signals, Fire alarm, Indoor. The cable contains one 18 AWG PVC insulated twisted pair, overall polyester/aluminum foil shielded, with outer PVC jacket.

**Conductor Size:** 1.02 mm

**Outer Jacket Material:** FR-PVC

**Outer Diameter:** 4.5 mm nom.

**Weight:** 40 kg/km



### DESIGN & MATERIALS

Conductor Material:	Bare Copper
Conductor Size:	18 AWG
Conductor Construction:	Solid
Insulation Material:	PVC
Insulation O.D.:	1.8 mm nom.
Conductor Color Code:	Black x Red
Overall Shield Design:	100% Coverage
Overall Shield Material:	Aluminum/Polyester Foil
Overall Drain-wire Construction:	Solid
Total number of wires:	2
Total number of conductor units:	1
Outer Jacket Thickness:	0.8 mm nom.
Outer Jacket Color:	Red

### TECHNICAL SPECIFICATIONS

Max. DC Resistance :	25.0 $\Omega$ /km@20°C
Dielectric Strength:	2000 V/minute
Dielectric Strength to Shield:	1000 V/minute
Max. Operating Temperature:	+80 °C
Min. Operating Temperature:	-20 °C

### ORDERING INFORMATION

P/N	DESCRIPTION
CBI-2018	2x18 AWG Shielded Fire Alarm and Control Cable