

2x16 AWG Shielded Outdoor Fire Alarm and Control Cable

Part Number: **6M11602103**

Applications: Short-range low-frequency signals, Fire alarm, Indoor, Outdoor

General Construction: The cable contains one 16 AWG PVC insulated twisted pair, overall shielded with polyester/aluminum tape, inner and outer PVC jackets.

Outer Jacket Material: UV resistant FR-PVC

Outer Diameter: 11.1 mm nom.

Weight: 145 kg/km



Design & Materials

Conductor Material:	Bare Copper
Conductor Size:	16 AWG
Conductor Construction:	7x0.49 mm
Insulation Material:	PVC
Insulation O.D.:	3.1 mm nom.
Conductor Color Code:	Black x Red
Overall Shield Design:	100% Coverage
Overall Shield Material:	Aluminum/Polyester Foil
Overall Drain-wire Material:	Tinned Copper
Overall Drain-wire size:	22 AWG
Overall Drain-wire Construction:	Stranded
Inner Jacket Material:	FR-PVC
Inner Jacket Thickness:	0.6 mm
Inner Jacket Diameter:	7.5 mm
Inner Jacket Color:	Red
Total number of wires:	2
Total number of conductor units:	1
Outer Jacket Thickness:	1.8 mm nom.
Outer Jacket Color:	Red
Marking:	Per request

Standards

Flamability Rating:	IEC 60331-1, UL 1581 VW-1
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Performance

Max. DC Resistance :	13.9 /km@20°C
Dielectric Strength:	2000 V/minute
Dielectric Strength to Shield:	1000 V/minute
Voltage Rating:	600 V
Max. Operating Temperature:	+70 °C
Min. Operating Temperature:	-15 °C
UV resistance:	Yes

Prepared By	Revised By	Version Num	Modified on
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