



FIRE RESISTANT CABLES

BRAND: FRONTIER



FIRE PROTECTION SERVICES GLOBALLY

WE DELIVER ON OUR PROMISES

UK Office: 85 Great Portland street, First floor, London, W 1 W 7 L T, United Kingdom, Tel +447708 000050

micheal@frontierpumps.com

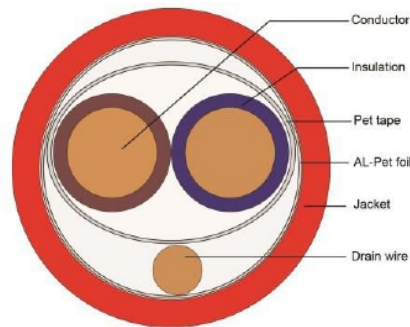
mikefrontiersafety@gmail.com

www.frontierpumps.com

FIRE RESISTANT CABLES

(2C x 1.0 sq.mm)

Fire Alarm Cable Shielded Series



Application

Fire Protective Signaling Circuits, Smoke detectors, Strobes/Sirens, Pull stations Voice communications, Burglar alarms, Audio, control, initiating & notification circuits, Microprocessor/Addressable Controlled Systems.

Standards

UL Standard: UL 13 & UL 1424 & UL 444
Flame Rating: UL 1666 Riser c(UL) FT4
RoHS: Compliant Directive 2011/65/EU

Physical Structure

1.1	Conductor Diameter		1.12±0.003mm
1.2	Conductor Material		Solid Bare Copper, Wires
1.3	Insulation Diameter		PVC, 1.92±0.05mm
1.4	Insulation Material Colour		Brown & Blue
1.5	Drain Wire	No.Strands	1
		Strand Size	0.80±0.003mm
1.6	Foil Shield Coverage		115% Polyester Foil, 1x20x0.025mm
1.7	Drain Wire Material		Tinned copper wire
1.8	Foil Shield Coverage		100% Single Aluminum Foil, 1x20x0.35mm
1.9	Jacket Colour		PVC Red RAL3000 or as request
1.10	Jacket Thickness		≥0.85mm
1.11	Overall Diameter		5.80±0.20mm

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Mechanical Properties

Bend radius	8 x D
Operating temperature range:	-20°C to 75°C

Electrical Properties

at 20°C

Conductor Resistance	Ω/km	≤21.4
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Fire Rating

PVC: UL 1666

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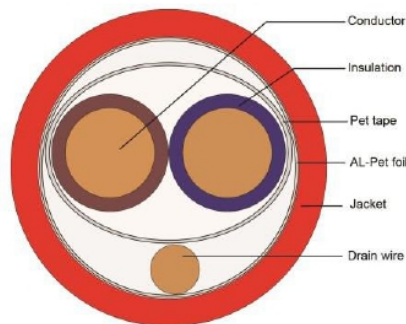
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FIRE RESISTANT CABLES

(2C x 1.5 sq.mm)

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Application

Fire Protective Signaling Circuits, Smoke detectors, Strobes/Sirens, Pull stations Voice communications, Burglar alarms, Audio, control, initiating & notification circuits, Microprocessor/Addressable Controlled Systems.

Standards

UL Standard: UL 13 & UL 1424 & UL 444
Flame Rating: UL 1666 Riser c(UL) FT4
RoHS: Compliant Directive 2011/65/EU

Physical Structure

1.1	Conductor Diameter		1.37±0.003mm
1.2	Conductor Material		Solid Bare Copper, Wires
1.3	Insulation Diameter		PVC, 2.35±0.05mm
1.4	Insulation Material Colour		Brown & Blue
1.5	Drain Wire	No.Strands	1
		Strand Size	0.80±0.003mm
1.6	Foil Shield Coverage		115% Polyester Foil, 1x20x0.025mm
1.7	Drain Wire Material		Tinned copper wire
1.8	Foil Shield Coverage		100% Single Aluminum Foil, 1x20x0.35mm
1.9	Jacket Colour		PVC Red RAL3000 or as request
1.10	Jacket Thickness		≥0.85mm
1.11	Overall Diameter		6.50±0.20mm

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Mechanical Properties

Bend radius	8 x D
Operating temperature range:	-20°C to 75°C

Electrical Properties

at 20°C

Conductor Resistance	Ω/km	≤ 12.0
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Fire Rating

PVC: UL 1666

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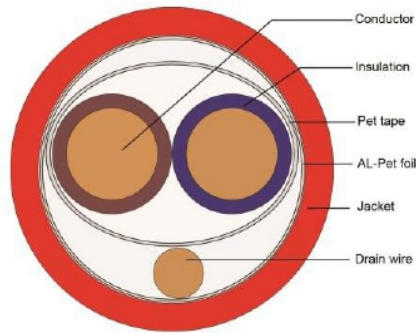
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FIRE RESISTANT CABLES

(2C x 2.5 sq.mm)

Fire Alarm Cable Shielded Series



Application

Fire Protective Signaling Circuits, Smoke detectors, Strobes/Sirens, Pull stations Voice communications, Burglar alarms, Audio, control, initiating & notification circuits, Microprocessor/Addressable Controlled Systems.

Standards

UL Standard: UL 13 & UL 1424 & UL 444
Flame Rating: UL 1666 Riser c(UL) FT4
RoHS: Compliant Directive 2011/65/EU

Physical Structure

1.1	Conductor Diameter		1.76 ± 0.003mm
1.2	Conductor Material		Solid Bare Copper, Wires
1.3	Insulation Diameter		PVC, 2.75 ± 0.05mm
1.4	Insulation Material Colour		Brown & Blue
1.5	Drain Wire	No.Strands	1
		Strand Size	0.80 ± 0.003mm
1.6	Foil Shield Coverage		115% Polyester Foil, 1x20x0.025mm
1.7	Drain Wire Material		Tinned copper wire
1.8	Foil Shield Coverage		100% Single Aluminum Foil, 1x20x0.035mm
1.9	Jacket Colour		PVC Red RAL3000 or as request
1.10	Jacket Thickness		≥ 0.85mm
1.11	Overall Diameter		7.40 ± 0.20mm

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Mechanical Properties

Bend radius	8 x D
Operating temperature range:	-20°C to 75°C

Electrical Properties

at 20°C

Conductor Resistance	Ω/km	≤7.5
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Fire Rating

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