



**SCREENED FIRE ALARM CABLE**

**BS 7629-1**

**12 orderable sizes**

<b>STANDARD</b> BS 7629-1	<b>VOLTAGE CLASS</b> 300/500 V	<b>CONDUCTOR</b> Copper conductor
<b>INSULATION / JACKET</b> LSZH		

**Construction**

- 1 ■ **Conductor (per core)** – Copper conductor · 7 × Ø0.67 mm · IEC 60228 cl.2
- 2 ■ **Core insulation** – Fire resistant LSZH insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Shield** – Braid shield (C)
- 5 ■ **Sheath** – LSZH

**Size selection — all available cross-sections**

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
BS 7629-1 Screened Fire Alarm 300/500 V 2 core 1.0 mm <sup>2</sup>	300/500 V	2 core	1.0 mm <sup>2</sup>	EN 50200 / BS 6387 fire alarm circuit integrity	Aluminium/polyester screen and drain wire	14 mm
BS 7629-1 Screened Fire Alarm 300/500 V 2 core 1.5 mm <sup>2</sup>	300/500 V	2 core	1.5 mm <sup>2</sup>	EN 50200 / BS 6387 fire alarm circuit integrity	Aluminium/polyester screen and drain wire	15 mm
BS 7629-1 Screened Fire Alarm 300/500 V 2 core 2.5 mm <sup>2</sup>	300/500 V	2 core	2.5 mm <sup>2</sup>	EN 50200 / BS 6387 fire alarm circuit integrity	Aluminium/polyester screen and drain wire	15 mm
BS 7629-1 Screened Fire Alarm 300/500 V 2 core 4 mm <sup>2</sup>	300/500 V	2 core	4 mm <sup>2</sup>	EN 50200 / BS 6387 fire alarm circuit integrity	Aluminium/polyester screen and drain wire	16 mm
BS 7629-1 Screened Fire Alarm 300/500 V 3 core 1.0 mm <sup>2</sup>	300/500 V	3 core	1.0 mm <sup>2</sup>	EN 50200 / BS 6387 fire alarm circuit integrity	Aluminium/polyester screen and drain wire	16 mm
BS 7629-1 Screened Fire Alarm 300/500 V 3 core 1.5 mm <sup>2</sup>	300/500 V	3 core	1.5 mm <sup>2</sup>	EN 50200 / BS 6387 fire alarm circuit integrity	Aluminium/polyester screen and drain wire	16 mm

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
BS 7629-1 Screened Fire Alarm 300/500 V 3 core 2.5 mm <sup>2</sup>	300/500 V	3 core	2.5 mm <sup>2</sup>	EN 50200 / BS 6387 fire alarm circuit integrity	Aluminium/polyester screen and drain wire	17 mm
BS 7629-1 Screened Fire Alarm 300/500 V 3 core 4 mm <sup>2</sup>	300/500 V	3 core	4 mm <sup>2</sup>	EN 50200 / BS 6387 fire alarm circuit integrity	Aluminium/polyester screen and drain wire	18 mm
BS 7629-1 Screened Fire Alarm 300/500 V 4 core 1.0 mm <sup>2</sup>	300/500 V	4 core	1.0 mm <sup>2</sup>	EN 50200 / BS 6387 fire alarm circuit integrity	Aluminium/polyester screen and drain wire	18 mm
BS 7629-1 Screened Fire Alarm 300/500 V 4 core 1.5 mm <sup>2</sup>	300/500 V	4 core	1.5 mm <sup>2</sup>	EN 50200 / BS 6387 fire alarm circuit integrity	Aluminium/polyester screen and drain wire	18 mm
BS 7629-1 Screened Fire Alarm 300/500 V 4 core 2.5 mm <sup>2</sup>	300/500 V	4 core	2.5 mm <sup>2</sup>	EN 50200 / BS 6387 fire alarm circuit integrity	Aluminium/polyester screen and drain wire	19 mm
BS 7629-1 Screened Fire Alarm 300/500 V 4 core 4 mm <sup>2</sup>	300/500 V	4 core	4 mm <sup>2</sup>	EN 50200 / BS 6387 fire alarm circuit integrity	Aluminium/polyester screen and drain wire	20 mm

UE Cable · China — sales@uecable.com · uecable.com Confirm colour, printing, packing length, delivery country and test documents on enquiry.