



FIRE AND GAS ALARM CIRCUIT CABLE

IEC 60331 / BS 7629-1

24 orderable sizes

STANDARD IEC 60331 / BS 7629-1	VOLTAGE CLASS 300/500 V, 0.6/1 kV	CONDUCTOR 1.0 mm², 1.5 mm², 2.5 mm²
INSULATION / JACKET Red or orange LSZH outer sheath		

Construction

- 1 ■ Conductor (per core) – Plain or tinned copper conductor · 7 × Ø0.43 mm · IEC 60228 cl.2
- 2 ■ Pair insulation – XLPE, EPR or fire resistant insulation
- 3 ■ Filler – Bedding / filler
- 4 ■ Overall screen (OS) – Al/polyester foil + drain
- 5 ■ Bedding – PVC bedding
- 6 ■ Armour – Galvanised steel wire armour (SWA)
- 7 ■ Sheath – Red or orange LSZH outer sheath

Size selection — all available cross-sections

Cable reference	Service package	Standard	Cable design	Voltage / signal class	Pair / core design	Conductor / fibre	Screen / protection	Fire and safety rating	Oil, mud and environment	Sheath	Electrical / optical reference	OD guide
Fire And Gas Safety Circuit 300/500 V 2 core 1.0 mm ² Red or orange LSZH outer sheath	Fire and gas alarm and safety package	IEC 60331 / BS 7629-1	Fire resistant screened alarm and safety cable	300/500 V	2 core	1.0 mm ²	Foil screen with drain wire and optional armour	Circuit integrity, LSZH and low smoke	Fire and gas detection, emergency alarm and evacuation circuits	Red or orange LSZH outer sheath	18.1 Ω/km max	20.5 mm
Fire And Gas Safety Circuit 300/500 V 2 core 1.5 mm ² Red or orange LSZH outer sheath	Fire and gas alarm and safety package	IEC 60331 / BS 7629-1	Fire resistant screened alarm and safety cable	300/500 V	2 core	1.5 mm ²	Foil screen with drain wire and optional armour	Circuit integrity, LSZH and low smoke	Fire and gas detection, emergency alarm and evacuation circuits	Red or orange LSZH outer sheath	12.1 Ω/km max	20.9 mm
Fire And Gas Safety Circuit 300/500 V 2 core 2.5 mm ² Red or orange LSZH outer sheath	Fire and gas alarm and safety package	IEC 60331 / BS 7629-1	Fire resistant screened alarm and safety cable	300/500 V	2 core	2.5 mm ²	Foil screen with drain wire and optional armour	Circuit integrity, LSZH and low smoke	Fire and gas detection, emergency alarm and evacuation circuits	Red or orange LSZH outer sheath	7.41 Ω/km max	21.4 mm
Fire And Gas Safety Circuit 300/500 V 4 core 1.0 mm ² Red or orange LSZH outer sheath	Fire and gas alarm and safety package	IEC 60331 / BS 7629-1	Fire resistant screened alarm and safety cable	300/500 V	4 core	1.0 mm ²	Foil screen with drain wire and optional armour	Circuit integrity, LSZH and low smoke	Fire and gas detection, emergency alarm and evacuation circuits	Red or orange LSZH outer sheath	18.1 Ω/km max	21.3 mm
Fire And Gas Safety Circuit 300/500 V 4 core 1.5 mm ² Red or orange LSZH outer sheath	Fire and gas alarm and safety package	IEC 60331 / BS 7629-1	Fire resistant screened alarm and safety cable	300/500 V	4 core	1.5 mm ²	Foil screen with drain wire and optional armour	Circuit integrity, LSZH and low smoke	Fire and gas detection, emergency alarm and evacuation circuits	Red or orange LSZH outer sheath	12.1 Ω/km max	21.7 mm

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