



## ARMOURED MULTICORE CONTROL CABLE

IEC 60502-1 / BS 6724

15 orderable sizes

STANDARD <b>IEC 60502-1 / BS 6724</b>	VOLTAGE CLASS <b>0.6/1 kV</b>	CONDUCTOR <b>Copper conductor</b>
INSULATION / JACKET <b>LSZH outer sheath</b>		

### Construction

- 1 ■ **Conductor (per core)** – Copper conductor · 50 × Ø0.25 mm · IEC 60228 cl.5
- 2 ■ **Core insulation** – XLPE or PVC control-core insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Bedding** – PVC bedding
- 5 ■ **Armour** – Galvanised steel wire armour (SWA)
- 6 ■ **Sheath** – LSZH outer sheath

### Size selection — all available cross-sections

Cable reference	Voltage class	Core layout	Cross-section	Conductor	Armour	Max DC resistance at 20 °C	OD guide	Weight guide
Armoured control SWA LSZH 0.6/1 kV 7C Copper 1.5 mm <sup>2</sup> Steel wire armour LSZH outer sheath	0.6/1 kV	7C	1.5 mm <sup>2</sup>	Copper conductor	Steel wire armour	12.1 Ω/km	37 mm	0.87 kg/m
Armoured control SWA LSZH 0.6/1 kV 7C Copper 2.5 mm <sup>2</sup> Steel wire armour LSZH outer sheath	0.6/1 kV	7C	2.5 mm <sup>2</sup>	Copper conductor	Steel wire armour	7.41 Ω/km	38 mm	0.94 kg/m
Armoured control SWA LSZH 0.6/1 kV 7C Copper 4 mm <sup>2</sup> Steel wire armour LSZH outer sheath	0.6/1 kV	7C	4 mm <sup>2</sup>	Copper conductor	Steel wire armour	4.61 Ω/km	39 mm	1.06 kg/m
Armoured control SWA LSZH 0.6/1 kV 12C Copper 1.5 mm <sup>2</sup> Steel	0.6/1 kV	12C	1.5 mm <sup>2</sup>	Copper conductor	Steel wire armour	12.1 Ω/km	48 mm	0.95 kg/m

Cable reference	Voltage class	Core layout	Cross-section	Conductor	Armour	Max DC resistance at 20 °C	OD guide	Weight guide
wire armour LSZH outer sheath								
Armoured control SWA LSZH 0.6/1 kV 12C Copper 2.5 mm <sup>2</sup> Steel wire armour LSZH outer sheath	0.6/1 kV	12C	2.5 mm <sup>2</sup>	Copper conductor	Steel wire armour	7.41 Ω/km	49 mm	1.08 kg/m
Armoured control SWA LSZH 0.6/1 kV 12C Copper 4 mm <sup>2</sup> Steel wire armour LSZH outer sheath	0.6/1 kV	12C	4 mm <sup>2</sup>	Copper conductor	Steel wire armour	4.61 Ω/km	50 mm	1.28 kg/m
Armoured control SWA LSZH 0.6/1 kV 19C Copper 1.5 mm <sup>2</sup> Steel wire armour LSZH outer sheath	0.6/1 kV	19C	1.5 mm <sup>2</sup>	Copper conductor	Steel wire armour	12.1 Ω/km	64 mm	1.06 kg/m
Armoured control SWA LSZH 0.6/1 kV 19C Copper 2.5 mm <sup>2</sup> Steel wire armour LSZH outer sheath	0.6/1 kV	19C	2.5 mm <sup>2</sup>	Copper conductor	Steel wire armour	7.41 Ω/km	65 mm	1.27 kg/m
Armoured control SWA LSZH 0.6/1 kV 19C Copper 4 mm <sup>2</sup> Steel wire armour LSZH outer sheath	0.6/1 kV	19C	4 mm <sup>2</sup>	Copper conductor	Steel wire armour	4.61 Ω/km	66 mm	1.59 kg/m
Armoured control SWA LSZH 0.6/1 kV 27C Copper 1.5 mm <sup>2</sup> Steel wire armour LSZH outer sheath	0.6/1 kV	27C	1.5 mm <sup>2</sup>	Copper conductor	Steel wire armour	12.1 Ω/km	83 mm	1.20 kg/m
Armoured control SWA LSZH 0.6/1 kV 27C Copper 2.5 mm <sup>2</sup> Steel wire armour LSZH outer sheath	0.6/1 kV	27C	2.5 mm <sup>2</sup>	Copper conductor	Steel wire armour	7.41 Ω/km	84 mm	1.49 kg/m
Armoured control SWA LSZH 0.6/1 kV 27C Copper 4 mm <sup>2</sup> Steel wire armour LSZH outer sheath	0.6/1 kV	27C	4 mm <sup>2</sup>	Copper conductor	Steel wire armour	4.61 Ω/km	85 mm	1.94 kg/m
Armoured control SWA LSZH 0.6/1 kV 37C Copper 1.5 mm <sup>2</sup> Steel wire armour LSZH outer sheath	0.6/1 kV	37C	1.5 mm <sup>2</sup>	Copper conductor	Steel wire armour	12.1 Ω/km	106 mm	1.36 kg/m
Armoured control SWA LSZH 0.6/1 kV 37C	0.6/1 kV	37C	2.5 mm <sup>2</sup>	Copper conductor	Steel wire	7.41 Ω/km	107 mm	1.77 kg/m

Cable reference	Voltage class	Core layout	Cross-section	Conductor	Armour	Max DC resistance at 20 °C	OD guide	Weight guide
Copper 2.5 mm <sup>2</sup> Steel wire armour LSZH outer sheath					armour			
Armoured control SWA LSZH 0.6/1 kV 37C Copper 4 mm <sup>2</sup> Steel wire armour LSZH outer sheath	0.6/1 kV	37C	4 mm <sup>2</sup>	Copper conductor	Steel wire armour	4.61 Ω/km	108 mm	2.38 kg/m

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