



### ANALOGUE SIGNAL CABLE

IEC 60228

72 orderable sizes

<b>STANDARD</b> IEC 60228	<b>VOLTAGE CLASS</b> 300/500 V	<b>TEMPERATURE CLASS</b> -20 °C to +70 °C typical
<b>CONDUCTOR</b> 0.5 mm <sup>2</sup> / 0.75 mm <sup>2</sup> / 1.0 mm <sup>2</sup>	<b>INSULATION / JACKET</b> PVC, PE or LSZH jacket	

### Construction

- 1 ■ Conductor (per core) – 0.5 mm<sup>2</sup> · 16 × Ø0.2 mm · IEC 60228 cl.5
- 2 ■ Pair insulation – PVC, PP, PE or halogen-free signal insulation
- 3 ■ Individual screen (IS) – Al/polyester foil + tinned-copper drain
- 4 ■ Filler – Bedding / filler
- 5 ■ Overall screen (OS) – Al/polyester foil + drain
- 6 ■ Sheath – PVC, PE or LSZH jacket

### Size selection — all available cross-sections

Cable reference	Signal type	Connector family	Core / pair design	Conductor	Shielding	Jacket
Analogue Signal Screened Analogue 4–20 mA Bulk cable 1 pair 0.5 mm <sup>2</sup> Static installation	Analogue 4–20 mA	Bulk cable	1 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
Analogue Signal Screened Analogue 4–20 mA Bulk cable 1 pair 0.5 mm <sup>2</sup> Flexible installation	Analogue 4–20 mA	Bulk cable	1 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
Analogue Signal Screened Analogue 4–20 mA Bulk cable 1 pair 0.75 mm <sup>2</sup> Static installation	Analogue 4–20 mA	Bulk cable	1 pair	0.75 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
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<b>Analogue Signal Screened Analogue 4–20 mA Bulk cable 1 pair 1.0 mm<sup>2</sup> Static installation</b>	Analogue 4–20 mA	Bulk cable	1 pair	1.0 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
<b>Analogue Signal Screened Analogue 4–20 mA Bulk cable 1 pair 1.0 mm<sup>2</sup> Flexible installation</b>	Analogue 4–20 mA	Bulk cable	1 pair	1.0 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
<b>Analogue Signal Screened Analogue 4–20 mA Bulk cable 2 pair 0.5 mm<sup>2</sup> Static installation</b>	Analogue 4–20 mA	Bulk cable	2 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
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<b>Analogue Signal Screened Analogue 4–20 mA Bulk cable 4 pair 0.5 mm<sup>2</sup> Static installation</b>	Analogue 4–20 mA	Bulk cable	4 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
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<b>Analogue Signal Screened Analogue 4-20 mA Bulk cable 4 pair 1.0 mm<sup>2</sup> Static installation</b>	Analogue 4-20 mA	Bulk cable	4 pair	1.0 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
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<b>Analogue Signal Screened Analogue 4-20 mA Terminal block wiring 1 pair 0.5 mm<sup>2</sup> Static installation</b>	Analogue 4-20 mA	Terminal block wiring	1 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
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<b>Analogue Signal Screened Analogue 4-20 mA Terminal block wiring 2 pair 0.5 mm<sup>2</sup> Static installation</b>	Analogue 4-20 mA	Terminal block wiring	2 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
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Analogue Signal Screened Analogue 4–20 mA Terminal block wiring 4 pair 0.5 mm <sup>2</sup> Static installation	Analogue 4–20 mA	Terminal block wiring	4 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
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Analogue Signal Screened Analogue 4–20 mA Terminal block wiring 4 pair 1.0 mm <sup>2</sup> Flexible installation	Analogue 4–20 mA	Terminal block wiring	4 pair	1.0 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
Analogue Signal Screened Low-level signal Bulk cable 1 pair 0.5 mm <sup>2</sup> Static installation	Low-level signal	Bulk cable	1 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
Analogue Signal Screened Low-level signal Bulk cable 1 pair 0.5 mm <sup>2</sup> Flexible installation	Low-level signal	Bulk cable	1 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
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Analogue Signal Screened Low-level signal Bulk cable 2 pair 0.5 mm <sup>2</sup> Static installation	Low-level signal	Bulk cable	2 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
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Analogue Signal Screened Low-level signal Bulk	Low-level signal	Bulk cable	2 pair	1.0 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket

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<b>Analogue Signal Screened Low-level signal Bulk cable 2 pair 1.0 mm<sup>2</sup> Flexible installation</b>	Low-level signal	Bulk cable	2 pair	1.0 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
<b>Analogue Signal Screened Low-level signal Bulk cable 4 pair 0.5 mm<sup>2</sup> Static installation</b>	Low-level signal	Bulk cable	4 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
<b>Analogue Signal Screened Low-level signal Bulk cable 4 pair 0.5 mm<sup>2</sup> Flexible installation</b>	Low-level signal	Bulk cable	4 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
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<b>Analogue Signal Screened Low-level signal Terminal block wiring 1 pair 0.5 mm<sup>2</sup> Static installation</b>	Low-level signal	Terminal block wiring	1 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
<b>Analogue Signal Screened Low-level signal Terminal block wiring 1 pair 0.5 mm<sup>2</sup> Flexible installation</b>	Low-level signal	Terminal block wiring	1 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
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<b>Analogue Signal Screened Low-level signal Terminal block wiring 1 pair</b>	Low-level signal	Terminal block wiring	1 pair	0.75 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket

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<b>Analogue Signal Screened Low-level signal Terminal block wiring 1 pair 1.0 mm<sup>2</sup> Flexible installation</b>	Low-level signal	Terminal block wiring	1 pair	1.0 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
<b>Analogue Signal Screened Low-level signal Terminal block wiring 2 pair 0.5 mm<sup>2</sup> Static installation</b>	Low-level signal	Terminal block wiring	2 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
<b>Analogue Signal Screened Low-level signal Terminal block wiring 2 pair 0.5 mm<sup>2</sup> Flexible installation</b>	Low-level signal	Terminal block wiring	2 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
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<b>Analogue Signal Screened Low-level signal Terminal block wiring 2 pair 1.0 mm<sup>2</sup> Flexible installation</b>	Low-level signal	Terminal block wiring	2 pair	1.0 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
<b>Analogue Signal Screened Low-level signal Terminal block wiring 4 pair 0.5 mm<sup>2</sup> Static installation</b>	Low-level signal	Terminal block wiring	4 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen with drain wire	PVC, PE or LSZH jacket
<b>Analogue Signal Screened Low-level signal Terminal</b>	Low-level signal	Terminal block	4 pair	0.5 mm <sup>2</sup>	Individual or overall foil screen	PVC, PE or LSZH

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block wiring 4 pair 0.5 mm <sup>2</sup> Flexible installation		wiring			with drain wire	jacket
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