



SCREENED ROUND CRANE CONTROL CABLE

DIN VDE 0250

16 orderable sizes

STANDARD DIN VDE 0250	VOLTAGE CLASS 300/500 V	CONDUCTOR Flexible copper conductor
INSULATION / JACKET Rubber or PUR reinforced outer sheath		

Construction

- 1 ■ **Conductor (per core)** – Flexible copper conductor · 24 × Ø0.2 mm · IEC 60228 cl.5
- 2 ■ **Core insulation** – Rubber or flexible PVC core insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Shield** – Braid shield (C)
- 5 ■ **Sheath** – Rubber or PUR reinforced outer sheath

Size selection — all available cross-sections

Cable reference	Motion duty	Cable system	Core design	Conductor size	Max DC resistance at 20 °C	Dimension guide	Cable weight
Screened round crane control cable 300/500 V Screened round control cable 4 core 0.75 mm ²	Crane control with EMC requirement	Screened round control cable	4 core	0.75 mm ²	24.7 Ω/km	16.0 mm	0.66 kg/m
Screened round crane control cable 300/500 V Screened round control cable 4 core 1.0 mm ²	Crane control with EMC requirement	Screened round control cable	4 core	1.0 mm ²	18.5 Ω/km	16.3 mm	0.67 kg/m
Screened round crane control cable 300/500 V Screened round control cable 4 core 1.5 mm ²	Crane control with EMC requirement	Screened round control cable	4 core	1.5 mm ²	12.7 Ω/km	16.8 mm	0.69 kg/m
Screened round crane control cable 300/500 V Screened round control cable 4 core 2.5 mm ²	Crane control with EMC requirement	Screened round control cable	4 core	2.5 mm ²	7.6 Ω/km	17.5 mm	0.74 kg/m

Cable reference	Motion duty	Cable system	Core design	Conductor size	Max DC resistance at 20 °C	Dimension guide	Cable weight
Screened round crane control cable 300/500 V Screened round control cable 7 core 0.75 mm ²	Crane control with EMC requirement	Screened round control cable	7 core	0.75 mm ²	24.7 Ω/km	17.5 mm	0.68 kg/m
Screened round crane control cable 300/500 V Screened round control cable 7 core 1.0 mm ²	Crane control with EMC requirement	Screened round control cable	7 core	1.0 mm ²	18.5 Ω/km	17.8 mm	0.70 kg/m
Screened round crane control cable 300/500 V Screened round control cable 7 core 1.5 mm ²	Crane control with EMC requirement	Screened round control cable	7 core	1.5 mm ²	12.7 Ω/km	18.3 mm	0.75 kg/m
Screened round crane control cable 300/500 V Screened round control cable 7 core 2.5 mm ²	Crane control with EMC requirement	Screened round control cable	7 core	2.5 mm ²	7.6 Ω/km	19.0 mm	0.83 kg/m
Screened round crane control cable 300/500 V Screened round control cable 12 core 0.75 mm ²	Crane control with EMC requirement	Screened round control cable	12 core	0.75 mm ²	24.7 Ω/km	19.4 mm	0.73 kg/m
Screened round crane control cable 300/500 V Screened round control cable 12 core 1.0 mm ²	Crane control with EMC requirement	Screened round control cable	12 core	1.0 mm ²	18.5 Ω/km	19.7 mm	0.76 kg/m
Screened round crane control cable 300/500 V Screened round control cable 12 core 1.5 mm ²	Crane control with EMC requirement	Screened round control cable	12 core	1.5 mm ²	12.7 Ω/km	20.1 mm	0.84 kg/m
Screened round crane control cable 300/500 V Screened round control cable 12 core 2.5 mm ²	Crane control with EMC requirement	Screened round control cable	12 core	2.5 mm ²	7.6 Ω/km	20.9 mm	0.98 kg/m
Screened round crane control cable 300/500 V Screened round control cable 18 core 0.75 mm ²	Crane control with EMC requirement	Screened round control cable	18 core	0.75 mm ²	24.7 Ω/km	21.2 mm	0.78 kg/m
Screened round crane control cable 300/500 V Screened round control cable 18 core 1.0 mm ²	Crane control with EMC requirement	Screened round control cable	18 core	1.0 mm ²	18.5 Ω/km	21.5 mm	0.84 kg/m
Screened round crane control cable 300/500 V Screened round control cable 18 core 1.5 mm ²	Crane control with EMC requirement	Screened round control cable	18 core	1.5 mm ²	12.7 Ω/km	21.9 mm	0.94 kg/m
Screened round crane control cable 300/500 V Screened round control cable 18 core 2.5 mm ²	Crane control with EMC requirement	Screened round control cable	18 core	2.5 mm ²	7.6 Ω/km	22.7 mm	1.16 kg/m

