



ROUND CRANE CONTROL CABLE

DIN VDE 0250

25 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 · 50 × Ø0.25 mm · IEC 60228 c1.5
- 2 ■ Core insulation – Rubber or flexible PVC core insulation
- 3 ■ Filler – PP filler
- 4 ■ 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
Round crane control cable 300/500 V Round control cable 4 core 1.0 mm ²	Crane control and pendant movement	Round control cable	4 core	1.0 mm ²	18.5 Ω/km	15.3 mm	0.54 kg/m
Round crane control cable 300/500 V Round control cable 4 core 1.5 mm ²	Crane control and pendant movement	Round control cable	4 core	1.5 mm ²	12.7 Ω/km	15.8 mm	0.56 kg/m
Round crane control cable 300/500 V Round control cable 4 core 2.5 mm ²	Crane control and pendant movement	Round control cable	4 core	2.5 mm ²	7.6 Ω/km	16.5 mm	0.61 kg/m
Round crane control cable 300/500 V Round control cable 4 core 4 mm ²	Crane control and pendant movement	Round control cable	4 core	4 mm ²	4.7 Ω/km	17.4 mm	0.68 kg/m

Cable reference	Motion duty	Cable system	Core design	Conductor size	Max DC resistance at 20 °C	Dimension guide	Cable weight
Round crane control cable 300/500 V Round control cable 4 core 6 mm ²	Crane control and pendant movement	Round control cable	4 core	6 mm ²	3.1 Ω/km	18.3 mm	0.78 kg/m
Round crane control cable 300/500 V Round control cable 7 core 1.0 mm ²	Crane control and pendant movement	Round control cable	7 core	1.0 mm ²	18.5 Ω/km	16.8 mm	0.57 kg/m
Round crane control cable 300/500 V Round control cable 7 core 1.5 mm ²	Crane control and pendant movement	Round control cable	7 core	1.5 mm ²	12.7 Ω/km	17.3 mm	0.62 kg/m
Round crane control cable 300/500 V Round control cable 7 core 2.5 mm ²	Crane control and pendant movement	Round control cable	7 core	2.5 mm ²	7.6 Ω/km	18.0 mm	0.70 kg/m
Round crane control cable 300/500 V Round control cable 7 core 4 mm ²	Crane control and pendant movement	Round control cable	7 core	4 mm ²	4.7 Ω/km	18.9 mm	0.83 kg/m
Round crane control cable 300/500 V Round control cable 7 core 6 mm ²	Crane control and pendant movement	Round control cable	7 core	6 mm ²	3.1 Ω/km	19.8 mm	0.99 kg/m
Round crane control cable 300/500 V Round control cable 12 core 1.0 mm ²	Crane control and pendant movement	Round control cable	12 core	1.0 mm ²	18.5 Ω/km	18.7 mm	0.63 kg/m
Round crane control cable 300/500 V Round control cable 12 core 1.5 mm ²	Crane control and pendant movement	Round control cable	12 core	1.5 mm ²	12.7 Ω/km	19.1 mm	0.71 kg/m
Round crane control cable 300/500 V Round control cable 12 core 2.5 mm ²	Crane control and pendant movement	Round control cable	12 core	2.5 mm ²	7.6 Ω/km	19.9 mm	0.85 kg/m
Round crane control cable 300/500 V Round control cable 12 core 4 mm ²	Crane control and pendant movement	Round control cable	12 core	4 mm ²	4.7 Ω/km	20.8 mm	1.07 kg/m
Round crane control cable 300/500 V Round control cable 12 core 6 mm ²	Crane control and pendant movement	Round control cable	12 core	6 mm ²	3.1 Ω/km	21.7 mm	1.35 kg/m
Round crane control cable 300/500 V Round control cable 18 core 1.0 mm ²	Crane control and pendant movement	Round control cable	18 core	1.0 mm ²	18.5 Ω/km	20.5 mm	0.71 kg/m

Cable reference	Motion duty	Cable system	Core design	Conductor size	Max DC resistance at 20 °C	Dimension guide	Cable weight
Round crane control cable 300/500 V Round control cable 18 core 1.5 mm ²	Crane control and pendant movement	Round control cable	18 core	1.5 mm ²	12.7 Ω/km	20.9 mm	0.81 kg/m
Round crane control cable 300/500 V Round control cable 18 core 2.5 mm ²	Crane control and pendant movement	Round control cable	18 core	2.5 mm ²	7.6 Ω/km	21.7 mm	1.03 kg/m
Round crane control cable 300/500 V Round control cable 18 core 4 mm ²	Crane control and pendant movement	Round control cable	18 core	4 mm ²	4.7 Ω/km	22.6 mm	1.35 kg/m
Round crane control cable 300/500 V Round control cable 18 core 6 mm ²	Crane control and pendant movement	Round control cable	18 core	6 mm ²	3.1 Ω/km	23.5 mm	1.79 kg/m
Round crane control cable 300/500 V Round control cable 25 core 1.0 mm ²	Crane control and pendant movement	Round control cable	25 core	1.0 mm ²	18.5 Ω/km	22.2 mm	0.79 kg/m
Round crane control cable 300/500 V Round control cable 25 core 1.5 mm ²	Crane control and pendant movement	Round control cable	25 core	1.5 mm ²	12.7 Ω/km	22.7 mm	0.94 kg/m
Round crane control cable 300/500 V Round control cable 25 core 2.5 mm ²	Crane control and pendant movement	Round control cable	25 core	2.5 mm ²	7.6 Ω/km	23.4 mm	1.24 kg/m
Round crane control cable 300/500 V Round control cable 25 core 4 mm ²	Crane control and pendant movement	Round control cable	25 core	4 mm ²	4.7 Ω/km	24.3 mm	1.69 kg/m
Round crane control cable 300/500 V Round control cable 25 core 6 mm ²	Crane control and pendant movement	Round control cable	25 core	6 mm ²	3.1 Ω/km	25.2 mm	2.29 kg/m