



## DEEP-WELL PUMP CABLE

IEC 60245

21 orderable sizes

<b>STANDARD</b> IEC 60245	<b>VOLTAGE CLASS</b> 450/750 V	<b>TEMPERATURE CLASS</b> Wet-route service by pump and well condition
<b>CONDUCTOR</b> Flexible copper conductor	<b>INSULATION / JACKET</b> Abrasion and water-resistant borehole sheath	

### Construction

- 1 ■ Conductor (per core) – Flexible copper conductor · 27 × Ø9.2 mm
- 2 ■ Core insulation – Water-resistant EPR or PVC insulation
- 3 ■ Filler – PP filler
- 4 ■ Sheath – Abrasion and water-resistant borehole sheath

### Size selection — all available cross-sections

Cable reference	Pump duty	Water / fluid duty	Cable shape	Core design	Conductor size	Max DC resistance at 20 °C	Dimension guide
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core flat 1.5 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core flat	1.5 mm <sup>2</sup>	12.7 Ω/km	25 x 8.6 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core flat 2.5 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core flat	2.5 mm <sup>2</sup>	7.6 Ω/km	27 x 9.2 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core flat 4 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core flat	4 mm <sup>2</sup>	4.7 Ω/km	30 x 9.8 mm

Cable reference	Pump duty	Water / fluid duty	Cable shape	Core design	Conductor size	Max DC resistance at 20 °C	Dimension guide
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core flat 6 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core flat	6 mm <sup>2</sup>	3.1 Ω/km	32 x 10.5 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core flat 10 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core flat	10 mm <sup>2</sup>	1.83 Ω/km	36 x 11.5 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core flat 16 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core flat	16 mm <sup>2</sup>	1.15 Ω/km	41 x 12.8 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core flat 25 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core flat	25 mm <sup>2</sup>	0.727 Ω/km	47 x 14.3 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core + earth flat 1.5 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core + earth flat	1.5 mm <sup>2</sup>	12.7 Ω/km	25 x 8.6 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core + earth flat 2.5 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core + earth flat	2.5 mm <sup>2</sup>	7.6 Ω/km	27 x 9.2 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core + earth flat 4 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core + earth flat	4 mm <sup>2</sup>	4.7 Ω/km	30 x 9.8 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core + earth flat 6 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core + earth flat	6 mm <sup>2</sup>	3.1 Ω/km	32 x 10.5 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core + earth flat 10 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core + earth flat	10 mm <sup>2</sup>	1.83 Ω/km	36 x 11.5 mm

Cable reference	Pump duty	Water / fluid duty	Cable shape	Core design	Conductor size	Max DC resistance at 20 °C	Dimension guide
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core + earth flat 16 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core + earth flat	16 mm <sup>2</sup>	1.15 Ω/km	41 x 12.8 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 3 core + earth flat 25 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	3 core + earth flat	25 mm <sup>2</sup>	0.727 Ω/km	47 x 14.3 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 4 core flat 1.5 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	4 core flat	1.5 mm <sup>2</sup>	12.7 Ω/km	33 x 8.6 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 4 core flat 2.5 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	4 core flat	2.5 mm <sup>2</sup>	7.6 Ω/km	36 x 9.2 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 4 core flat 4 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	4 core flat	4 mm <sup>2</sup>	4.7 Ω/km	39 x 9.8 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 4 core flat 6 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	4 core flat	6 mm <sup>2</sup>	3.1 Ω/km	42 x 10.5 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 4 core flat 10 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	4 core flat	10 mm <sup>2</sup>	1.83 Ω/km	48 x 11.5 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 4 core flat 16 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	4 core flat	16 mm <sup>2</sup>	1.15 Ω/km	54 x 12.8 mm
Deep well borehole pump cable 450/750 V Deep-well pump motor supply 4 core flat 25 mm <sup>2</sup>	Deep-well pump motor supply	Borehole and long vertical water-well route	Flat or round borehole pump cable	4 core flat	25 mm <sup>2</sup>	0.727 Ω/km	62 x 14.3 mm