



WASTEWATER PUMP CABLE

IEC 60245

32 orderable sizes

STANDARD IEC 60245	VOLTAGE CLASS 450/750 V or 0.6/1 kV	TEMPERATURE CLASS Wet-route service by wastewater pump duty
CONDUCTOR Flexible copper conductor	INSULATION / JACKET CPE or heavy-duty wastewater resistant sheath	

Construction

- 1 ■ Conductor (per core) – Flexible copper conductor · 80 × Ø0.4 mm · IEC 60228 cl.5
- 2 ■ Core insulation – EPR water-resistant rubber insulation
- 3 ■ Filler – PP filler
- 4 ■ Sheath – CPE or heavy-duty wastewater resistant 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
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 3G 2.5 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	3G	2.5 mm ²	7.6 Ω/km	18.0 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 3G 4 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	3G	4 mm ²	4.7 Ω/km	18.8 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 3G 6 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	3G	6 mm ²	3.1 Ω/km	19.7 mm

Cable reference	Pump duty	Water / fluid duty	Cable shape	Core design	Conductor size	Max DC resistance at 20 °C	Dimension guide
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 3G 10 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	3G	10 mm ²	1.83 Ω/km	21.1 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 3G 16 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	3G	16 mm ²	1.15 Ω/km	22.8 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 3G 25 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	3G	25 mm ²	0.727 Ω/km	24.8 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 3G 35 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	3G	35 mm ²	0.524 Ω/km	26.6 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 3G 50 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	3G	50 mm ²	0.387 Ω/km	29.0 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 4G 2.5 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	4G	2.5 mm ²	7.6 Ω/km	18.6 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 4G 4 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	4G	4 mm ²	4.7 Ω/km	19.4 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 4G 6 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	4G	6 mm ²	3.1 Ω/km	20.3 mm
Wastewater submersible pump	Wastewater and	Wastewater, sludge,	Round multicore	4G	10 mm ²	1.83 Ω/km	21.7 mm

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cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 4G 10 mm ²	drainage pump supply	drainage and chemically exposed wet routes	heavy-duty pump cable				
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 4G 16 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	4G	16 mm ²	1.15 Ω/km	23.4 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 4G 25 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	4G	25 mm ²	0.727 Ω/km	25.4 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 4G 35 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	4G	35 mm ²	0.524 Ω/km	27.2 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 4G 50 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	4G	50 mm ²	0.387 Ω/km	29.5 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 5G 2.5 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	5G	2.5 mm ²	7.6 Ω/km	19.1 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 5G 4 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	5G	4 mm ²	4.7 Ω/km	19.9 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 5G 6 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	5G	6 mm ²	3.1 Ω/km	20.8 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically	Round multicore heavy-duty pump cable	5G	10 mm ²	1.83 Ω/km	22.2 mm

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and drainage pump supply 5G 10 mm ²		exposed wet routes					
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 5G 16 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	5G	16 mm ²	1.15 Ω/km	23.9 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 5G 25 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	5G	25 mm ²	0.727 Ω/km	25.9 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 5G 35 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	5G	35 mm ²	0.524 Ω/km	27.8 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 5G 50 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	5G	50 mm ²	0.387 Ω/km	30.1 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 7G 2.5 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	7G	2.5 mm ²	7.6 Ω/km	20.0 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 7G 4 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	7G	4 mm ²	4.7 Ω/km	20.8 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 7G 6 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	7G	6 mm ²	3.1 Ω/km	21.7 mm
Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 7G 10 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	7G	10 mm ²	1.83 Ω/km	23.1 mm

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Wastewater submersible pump cable 450/750 V or 0.6/1 kV Wastewater and drainage pump supply 7G 50 mm ²	Wastewater and drainage pump supply	Wastewater, sludge, drainage and chemically exposed wet routes	Round multicore heavy-duty pump cable	7G	50 mm ²	0.387 Ω/km	31.0 mm