



H07RN-8-F PUMP CABLE

EN 50525-2-21

24 orderable sizes

STANDARD EN 50525-2-21	VOLTAGE CLASS 450/750 V	TEMPERATURE CLASS Water temperature up to +40 °C guide
CONDUCTOR Flexible copper conductor	INSULATION / JACKET PCP water-resistant rubber sheath	

Construction

- 1 ■ Conductor (per core) – Flexible copper conductor · 196 × Ø0.4 mm · IEC 60228 cl.5
- 2 ■ Core insulation – EPR water-resistant rubber insulation
- 3 ■ Filler – PP filler
- 4 ■ Sheath – PCP water-resistant rubber 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
H07RN-8-F 450/750 V Freshwater submersible pump supply 3G 1.5 mm ²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	3G	1.5 mm ²	12.7 Ω/km	14.9 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 3G 2.5 mm ²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	3G	2.5 mm ²	7.6 Ω/km	15.6 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 3G 4 mm ²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	3G	4 mm ²	4.7 Ω/km	16.4 mm
H07RN-8-F 450/750 V Freshwater	Freshwater submersible	Freshwater immersion	Round multicore	3G	6 mm ²	3.1 Ω/km	17.3 mm

Cable reference	Pump duty	Water / fluid duty	Cable shape	Core design	Conductor size	Max DC resistance at 20 °C	Dimension guide
submersible pump supply 3G 6 mm ²	pump supply	guide up to 10 m and +40 °C water temperature	pump cable				
H07RN-8-F 450/750 V Freshwater submersible pump supply 3G 10 mm ²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	3G	10 mm ²	1.83 Ω/km	18.7 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 3G 16 mm ²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	3G	16 mm ²	1.15 Ω/km	20.4 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 3G 25 mm ²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	3G	25 mm ²	0.727 Ω/km	22.4 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 3G 35 mm ²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	3G	35 mm ²	0.524 Ω/km	24.2 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 4G 1.5 mm ²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	4G	1.5 mm ²	12.7 Ω/km	15.4 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 4G 2.5 mm ²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	4G	2.5 mm ²	7.6 Ω/km	16.2 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 4G 4 mm ²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	4G	4 mm ²	4.7 Ω/km	17.0 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 4G 6 mm ²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and	Round multicore pump cable	4G	6 mm ²	3.1 Ω/km	17.9 mm

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		+40 °C water temperature					
H07RN-8-F 450/750 V Freshwater submersible pump supply 4G 10 mm²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	4G	10 mm ²	1.83 Ω/km	19.3 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 4G 16 mm²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	4G	16 mm ²	1.15 Ω/km	21.0 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 4G 25 mm²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	4G	25 mm ²	0.727 Ω/km	23.0 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 4G 35 mm²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	4G	35 mm ²	0.524 Ω/km	24.8 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 5G 1.5 mm²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	5G	1.5 mm ²	12.7 Ω/km	16.0 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 5G 2.5 mm²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	5G	2.5 mm ²	7.6 Ω/km	16.7 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 5G 4 mm²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	5G	4 mm ²	4.7 Ω/km	17.5 mm
H07RN-8-F 450/750 V Freshwater submersible pump supply 5G 6 mm²	Freshwater submersible pump supply	Freshwater immersion guide up to 10 m and +40 °C water temperature	Round multicore pump cable	5G	6 mm ²	3.1 Ω/km	18.4 mm

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