



WATER-RESISTANT RUBBER FLEXIBLE CABLE

EN 50525-2-21

24 orderable sizes

STANDARD EN 50525-2-21	VOLTAGE CLASS 450/750 V	TEMPERATURE CLASS Wet-route flexible service selected by pump duty
CONDUCTOR Class 5 flexible copper conductor	INSULATION / JACKET Water-resistant PCP rubber sheath	

Construction

- 1 ■ **Conductor (per core)** – Class 5 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** – Water-resistant PCP rubber sheath

Size selection — all available cross-sections

Cable reference	Service duty	Core design	Conductor size	Max DC resistance at 20 °C	OD guide	Cable weight	Bend radius
H07RN-8-F 450/750 V 3G 1.5 mm ²	Temporary submersible pump duty	3G	1.5 mm ²	12.7 Ω/km	16.3 mm	0.36 kg/m	8 × OD mobile guide
H07RN-8-F 450/750 V 3G 2.5 mm ²	Temporary submersible pump duty	3G	2.5 mm ²	7.6 Ω/km	17.0 mm	0.40 kg/m	8 × OD mobile guide
H07RN-8-F 450/750 V 3G 4 mm ²	Temporary submersible pump duty	3G	4 mm ²	4.7 Ω/km	17.9 mm	0.46 kg/m	8 × OD mobile guide
H07RN-8-F 450/750 V 3G 6 mm ²	Temporary submersible pump duty	3G	6 mm ²	3.1 Ω/km	18.8 mm	0.53 kg/m	8 × OD mobile guide
H07RN-8-F 450/750 V 3G 10 mm ²	Temporary submersible pump duty	3G	10 mm ²	1.83 Ω/km	20.2 mm	0.69 kg/m	8 × OD mobile guide
H07RN-8-F 450/750 V 3G 16 mm ²	Temporary submersible pump duty	3G	16 mm ²	1.15 Ω/km	21.9 mm	0.92 kg/m	8 × OD mobile guide

Cable reference	Service duty	Core design	Conductor size	Max DC resistance at 20 °C	OD guide	Cable weight	Bend radius
H07RN-8-F 450/750 V 3G 25 mm ²	Temporary submersible pump duty	3G	25 mm ²	0.727 Ω/km	23.9 mm	1.28 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 3G 35 mm ²	Temporary submersible pump duty	3G	35 mm ²	0.524 Ω/km	25.7 mm	1.67 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 4G 1.5 mm ²	Temporary submersible pump duty	4G	1.5 mm ²	12.7 Ω/km	16.9 mm	0.38 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 4G 2.5 mm ²	Temporary submersible pump duty	4G	2.5 mm ²	7.6 Ω/km	17.7 mm	0.43 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 4G 4 mm ²	Temporary submersible pump duty	4G	4 mm ²	4.7 Ω/km	18.5 mm	0.51 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 4G 6 mm ²	Temporary submersible pump duty	4G	6 mm ²	3.1 Ω/km	19.4 mm	0.61 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 4G 10 mm ²	Temporary submersible pump duty	4G	10 mm ²	1.83 Ω/km	20.8 mm	0.82 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 4G 16 mm ²	Temporary submersible pump duty	4G	16 mm ²	1.15 Ω/km	22.5 mm	1.13 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 4G 25 mm ²	Temporary submersible pump duty	4G	25 mm ²	0.727 Ω/km	24.5 mm	1.60 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 4G 35 mm ²	Temporary submersible pump duty	4G	35 mm ²	0.524 Ω/km	26.3 mm	2.12 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 5G 1.5 mm ²	Temporary submersible pump duty	5G	1.5 mm ²	12.7 Ω/km	17.5 mm	0.40 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 5G 2.5 mm ²	Temporary submersible pump duty	5G	2.5 mm ²	7.6 Ω/km	18.2 mm	0.46 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 5G 4 mm ²	Temporary submersible pump duty	5G	4 mm ²	4.7 Ω/km	19.1 mm	0.56 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 5G 6 mm ²	Temporary submersible pump duty	5G	6 mm ²	3.1 Ω/km	20.0 mm	0.69 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 5G 10 mm ²	Temporary submersible pump duty	5G	10 mm ²	1.83 Ω/km	21.4 mm	0.95 kg/m	8 x OD mobile guide

Cable reference	Service duty	Core design	Conductor size	Max DC resistance at 20 °C	OD guide	Cable weight	Bend radius
H07RN-8-F 450/750 V 5G 16 mm ²	Temporary submersible pump duty	5G	16 mm ²	1.15 Ω/km	23.1 mm	1.34 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 5G 25 mm ²	Temporary submersible pump duty	5G	25 mm ²	0.727 Ω/km	25.1 mm	1.93 kg/m	8 x OD mobile guide
H07RN-8-F 450/750 V 5G 35 mm ²	Temporary submersible pump duty	5G	35 mm ²	0.524 Ω/km	26.9 mm	2.58 kg/m	8 x OD mobile guide

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