



### HALOGEN-FREE RUBBER FLEXIBLE CABLE

EN 50525-3-21

24 orderable sizes

STANDARD <b>EN 50525-3-21</b>	VOLTAGE CLASS <b>450/750 V</b>	TEMPERATURE CLASS <b>Flexible LSZH rubber service by installation duty</b>
CONDUCTOR <b>Class 5 flexible copper conductor</b>	INSULATION / JACKET <b>Cross-linked halogen-free rubber sheath</b>	

#### Construction

- 1 ■ Conductor (per core) – Class 5 flexible copper conductor · 196 × Ø0.4 mm · IEC 60228 cl.5
- 2 ■ Core insulation – Cross-linked halogen-free rubber insulation
- 3 ■ Filler – PP filler
- 4 ■ Sheath – Cross-linked halogen-free 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
H07ZZ-F 450/750 V 1 core 1.5 mm <sup>2</sup>	Halogen-free portable power	1 core	1.5 mm <sup>2</sup>	12.7 Ω/km	11.9 mm	0.21 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 1 core 2.5 mm <sup>2</sup>	Halogen-free portable power	1 core	2.5 mm <sup>2</sup>	7.6 Ω/km	12.7 mm	0.22 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 1 core 4 mm <sup>2</sup>	Halogen-free portable power	1 core	4 mm <sup>2</sup>	4.7 Ω/km	13.5 mm	0.24 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 1 core 6 mm <sup>2</sup>	Halogen-free portable power	1 core	6 mm <sup>2</sup>	3.1 Ω/km	14.4 mm	0.27 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 1 core 10 mm <sup>2</sup>	Halogen-free portable power	1 core	10 mm <sup>2</sup>	1.83 Ω/km	15.8 mm	0.32 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 1 core 16 mm <sup>2</sup>	Halogen-free portable power	1 core	16 mm <sup>2</sup>	1.15 Ω/km	17.5 mm	0.40 kg/m	6 x OD fixed / 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
H07ZZ-F 450/750 V 1 core 25 mm <sup>2</sup>	Halogen-free portable power	1 core	25 mm <sup>2</sup>	0.727 Ω/km	19.5 mm	0.52 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 1 core 35 mm <sup>2</sup>	Halogen-free portable power	1 core	35 mm <sup>2</sup>	0.524 Ω/km	21.3 mm	0.65 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 3G 1.5 mm <sup>2</sup>	Halogen-free portable power	3G	1.5 mm <sup>2</sup>	12.7 Ω/km	14.9 mm	0.25 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 3G 2.5 mm <sup>2</sup>	Halogen-free portable power	3G	2.5 mm <sup>2</sup>	7.6 Ω/km	15.6 mm	0.29 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 3G 4 mm <sup>2</sup>	Halogen-free portable power	3G	4 mm <sup>2</sup>	4.7 Ω/km	16.5 mm	0.35 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 3G 6 mm <sup>2</sup>	Halogen-free portable power	3G	6 mm <sup>2</sup>	3.1 Ω/km	17.4 mm	0.42 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 3G 10 mm <sup>2</sup>	Halogen-free portable power	3G	10 mm <sup>2</sup>	1.83 Ω/km	18.8 mm	0.58 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 3G 16 mm <sup>2</sup>	Halogen-free portable power	3G	16 mm <sup>2</sup>	1.15 Ω/km	20.5 mm	0.81 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 3G 25 mm <sup>2</sup>	Halogen-free portable power	3G	25 mm <sup>2</sup>	0.727 Ω/km	22.5 mm	1.17 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 3G 35 mm <sup>2</sup>	Halogen-free portable power	3G	35 mm <sup>2</sup>	0.524 Ω/km	24.3 mm	1.55 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 5G 1.5 mm <sup>2</sup>	Halogen-free portable power	5G	1.5 mm <sup>2</sup>	12.7 Ω/km	16.1 mm	0.29 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 5G 2.5 mm <sup>2</sup>	Halogen-free portable power	5G	2.5 mm <sup>2</sup>	7.6 Ω/km	16.8 mm	0.35 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 5G 4 mm <sup>2</sup>	Halogen-free portable power	5G	4 mm <sup>2</sup>	4.7 Ω/km	17.7 mm	0.45 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 5G 6 mm <sup>2</sup>	Halogen-free portable power	5G	6 mm <sup>2</sup>	3.1 Ω/km	18.6 mm	0.58 kg/m	6 x OD fixed / 8 x OD mobile guide
H07ZZ-F 450/750 V 5G 10 mm <sup>2</sup>	Halogen-free portable power	5G	10 mm <sup>2</sup>	1.83 Ω/km	20.0 mm	0.84 kg/m	6 x OD fixed / 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
<b>H07ZZ-F 450/750 V 5G</b> 16 mm <sup>2</sup>	Halogen-free portable power	5G	16 mm <sup>2</sup>	1.15 Ω/km	21.7 mm	1.23 kg/m	6 x OD fixed / 8 x OD mobile guide
<b>H07ZZ-F 450/750 V 5G</b> 25 mm <sup>2</sup>	Halogen-free portable power	5G	25 mm <sup>2</sup>	0.727 Ω/km	23.7 mm	1.81 kg/m	6 x OD fixed / 8 x OD mobile guide
<b>H07ZZ-F 450/750 V 5G</b> 35 mm <sup>2</sup>	Halogen-free portable power	5G	35 mm <sup>2</sup>	0.524 Ω/km	25.5 mm	2.46 kg/m	6 x OD fixed / 8 x OD mobile guide

UE Cable · China — sales@uecable.com · uecable.com Confirm colour, printing, packing length, delivery country and test documents on enquiry.