



LIGHT-DUTY RUBBER FLEXIBLE CABLE

EN 50525-2-21

8 orderable sizes

STANDARD EN 50525-2-21	VOLTAGE CLASS 300/500 V	TEMPERATURE CLASS -25 °C to +60 °C flexible service guide
CONDUCTOR Class 5 flexible copper conductor	INSULATION / JACKET PCP or rubber flexible sheath	

Construction

- 1 ■ Conductor (per core) – Class 5 flexible copper conductor · 24 × Ø0.2 mm · IEC 60228 cl.5
- 2 ■ Core insulation – EPR rubber insulation
- 3 ■ Filler – PP filler
- 4 ■ Sheath – PCP or rubber flexible 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
H05RN-F 300/500 V 2 core 0.75 mm²	Light portable appliance duty	2 core	0.75 mm ²	24.7 Ω/km	11.4 mm	0.18 kg/m	6 x OD fixed / 8 x OD mobile guide
H05RN-F 300/500 V 2 core 1.0 mm²	Light portable appliance duty	2 core	1.0 mm ²	18.5 Ω/km	11.7 mm	0.19 kg/m	6 x OD fixed / 8 x OD mobile guide
H05RN-F 300/500 V 3G 0.75 mm²	Light portable appliance duty	3G	0.75 mm ²	24.7 Ω/km	12.2 mm	0.19 kg/m	6 x OD fixed / 8 x OD mobile guide
H05RN-F 300/500 V 3G 1.0 mm²	Light portable appliance duty	3G	1.0 mm ²	18.5 Ω/km	12.5 mm	0.20 kg/m	6 x OD fixed / 8 x OD mobile guide
H05RN-F 300/500 V 4G 0.75 mm²	Light portable	4G	0.75 mm ²	24.7 Ω/km	12.8 mm	0.20 kg/m	6 x OD fixed / 8 x

Cable reference	Service duty	Core design	Conductor size	Max DC resistance at 20 °C	OD guide	Cable weight	Bend radius
	appliance duty						OD mobile guide
H05RN-F 300/500 V 4G 1.0 mm²	Light portable appliance duty	4G	1.0 mm ²	18.5 Ω/km	13.1 mm	0.21 kg/m	6 x OD fixed / 8 x OD mobile guide
H05RN-F 300/500 V 5G 0.75 mm²	Light portable appliance duty	5G	0.75 mm ²	24.7 Ω/km	13.4 mm	0.21 kg/m	6 x OD fixed / 8 x OD mobile guide
H05RN-F 300/500 V 5G 1.0 mm²	Light portable appliance duty	5G	1.0 mm ²	18.5 Ω/km	13.7 mm	0.23 kg/m	6 x OD fixed / 8 x OD mobile guide

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