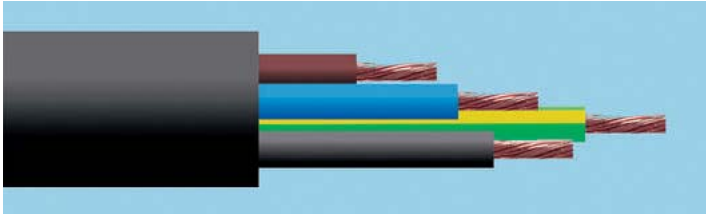


H07RN-F Cable

Cable & Wire

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Quality Cables



Feature:

- Flexible, single and multi-core rubber insulated and sheathed cable.

Specifications:

Cable Type:

H07RN-F 450/750 V part 4 and HD 22.4 S3 and DIN VDE 0282 part 4.

Construction:

1 x 1.5/500mm², 2 x 1/25mm², 3, 4 x 1/300mm².

Conductor:

Flexible class 5 acc. HD 383, DIN VDE 0295 from soft bare or tinned copper wires, diameter of wires: 0.25mm - up to 6mm², 0.3mm - 10 and 16mm², 0.4 - up to 500mm².

Insulation:

Ethylene propylene rubber Type EI 4.

Colours:

2c: Blue-brown.

3c: Blue-brown-yellow/green.

4c: Yellow/green-brown-black-grey.

Separators:

If needed, paper or synthetic tape can be applied under and over insulation and the cores of cables.

Cable Assembly:

Insulated 2 and more cores stranded with a left hand lay.

Jacket:

Synthetic thermosetting compound type EM 2 or EM 3 +EM 2.

Operating Temperature:

Minimum ambient temperature : 25°C.

Maximum conductor temperature : 60°C.

Maximum short circuit temperature : 200°C.

Bending Radius:

For fixed maximum 3/4 x cable diameter for mobile application 4/6 x cable diameter.

Tests:

Physical and electrical tests acc. HD 22.4 S 3, DIN VDE 0282 part 4.

Marking:

Type of cable, size, manufacturer, year.

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Size (n x mm ²)	Maximum Diameter of Wire	Nominal Thickness of Insulation	Nominal Thickness of Jacket			Approximate Outer Diameter of Cable	Approximate Weight of Cable (kg/km)	Maximum Resistivity of Conductor 20°C (Ω/km)
			Single Layer	Double Layer				
				Internal	Outer			
2 x 1.5	0.26	0.8	1.5	-	-	8.9	116	13.7
2 x 2.5		0.9	1.7			10.6	167	8.21
3 x 1.5		0.8	1.6			9.5	137	13.7
3 x 2.5		0.9	1.8			11.3	202	8.21
3 x 4	0.31	1	1.9	-	-	13	277	5.09
4 x 1.5	0.26	0.8	1.7	-	-	10.4	167	13.7
4 x 2.5		0.9	1.9			12.5	247	8.21
4 x 4	0.31	1	2	-	-	14.3	340	5.09

Dimensions : Millimetres

Part Number Table

Description	Part Number
Cable, 2Core 1.5MM 50M	H07RNF2 1.5 50M
Cable, 2Core 1.5MM 100M	H07RNF2 1.5 100M
Cable, 2Core 2.5MM 50M	H07RNF2 2.5 50M
Cable, 2Core 2.5MM 100M	H07RNF2 2.5 100M
Cable, 3Core 1.5MM 50M	H07RNF3 1.5 50M
Cable, 3Core 1.5MM 100M	H07RNF3 1.5 100M
Cable, 3Core 2.5MM 50M	H07RNF3 2.5 50M
Cable, 3Core 2.5MM 100M	H07RNF3 2.5 100M
Cable, 3Core 4MM 50M	H07RNF3 4.0 50M
Cable, 3Core 4MM 100M	H07RNF3 4.0 100M
Cable, 4Core 1.5MM 50M	H07RNF4 1.5 50M
Cable, 4Core 1.5MM 100M	H07RNF4 1.5 100M
Cable, 4Core 2.5MM 50M	H07RNF4 2.5 50M
Cable, 4Core 2.5MM 100M	H07RNF4 2.5 100M
Cable, 4Core 4.0MM 50M	H07RNF4 4.0 50M
Cable, 4Core 4.0MM 100M	H07RNF4 4.0 100M

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