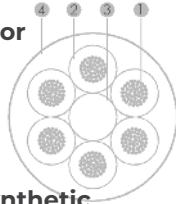


Rubber multicore cable H07RN8-F



1. Electrolytic bare copper flexible conductor
2. Oil-resistant special EI4 elastomeric rubber insulation
3. Yarn cotton central filler (only for 5-core construction)
4. EM2 elastomeric rubber or equivalent synthetic elastomer outer sheath that is intended for permanent water immersion



APPLICATIONS



Suitable for use in industrial and agricultural workshops, building sites, for heavy duty applications, supplying industrial and agricultural machines and appliances that could be undergone to medium mechanical stresses and fixed installations on rough-cast in temporary buildings. The permanent outdoor and water submersed uses, up to 40°C and 10 m depth, are allowed. They are mostly suggested for connection of submersible pumps or similar applications (condition AD8).

Technical Data			
Temperature range	- 25 ÷ 60 °C (@ fixed installation)	Suitable for outdoor use	
Voltage rating	450/750 V AC	Suitable for mobile installation	
Test voltage	2500 V AC	Bending radius	≥ 6 x D (@ fixed installation)
Short-circuit temperature	200 °C	Oil resistance	EN 50363-2-1
Flame resistance	IEC 60332-1-2, CPR class Eca	Suitable for water immersion	EN 50525-2-21 AD8

Size conductor [mm ²]	Conductor stranding [N° x mm]	Electrical resistance [Ω / Km]	Diameter on insulation [mm]	Radial thickness of insulation [mm]
1	32 x 0.193	≤ 19.5	2.85 ± 0.1	≥ 0.80
1.5	28 x 0.243	≤ 13.3	3.05 ± 0.1	≥ 0.80
2.5	48 x 0.243	≤ 7.98	3.8 ± 0.1	≥ 0.90
4	52 x 0.300	≤ 4.95	4.5 ± 0.1	≥ 1.0
6	80 x 0.300	≤ 3.30	5.25 ± 0.1	≥ 1.0

Size conductor [mm ²]	Outer diameter [mm]	Thickness of jacket [mm]
2 x 1	8.0 ± 0.2	≥ 1.3
3 x 1	8.8 ± 0.2	≥ 1.4
4 x 1	9.7 ± 0.2	≥ 1.5
5 x 1	10.6 ± 0.3	≥ 1.6
2 x 1.5	9.0 ± 0.2	≥ 1.5
3 x 1.5	9.6 ± 0.2	≥ 1.6
4 x 1.5	10.5 ± 0.3	≥ 1.7
5 x 1.5	11.5 ± 0.3	≥ 1.8
2 x 2.5	10.7 ± 0.3	≥ 1.7
3 x 2.5	11.6 ± 0.3	≥ 1.8
4 x 2.5	12.6 ± 0.4	≥ 1.9
5 x 2.5	13.9 ± 0.4	≥ 2.0
2 x 4	12.3 ± 0.4	≥ 1.8
3 x 4	13.2 ± 0.4	≥ 1.9
4 x 4	14.4 ± 0.4	≥ 2.0
5 x 4	16.1 ± 0.4	≥ 2.2
2 x 6	14.1 ± 0.4	≥ 2.0
3 x 6	15.2 ± 0.4	≥ 2.1
4 x 6	16.5 ± 0.4	≥ 2.3
5 x 6	18.5 ± 0.4	≥ 2.5