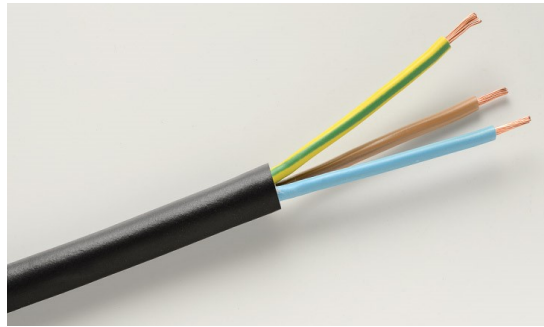


## H07RN-F Technical Data Sheet



◀ HAR ▶

Rated voltage	Max. operating temperature (fixed installation)	Max. temperature of short circuit	Min. internal bending radius	Min. installation temperature	Max. stocking temperature	Max. mechanical stress
450/750V	90°C	200°C	6xOD	-25°C	40°C	5n/mm

<b>Conductor:</b>	Class 5 flexible annealed copper to EN 60228, IEC 60228
<b>Insulation:</b>	Ethylene-propylene rubber compound E14 type
<b>Outer sheath:</b>	Elastomeric reticulated polychloroprene compound or other equivalent synthetic elastomer EM2 type, Black
<b>Cores:</b>	2 Core: Brown, Blue 3 Core: Brown, Blue, Green/Yellow 4 Core: Grey, Brown, Black, Green/Yellow 5 Core: Brown, Blue, Green/Yellow, Black, Grey
<b>Standards:</b>	EN 50525-2-21 ROHS 2011/65/UE 2015/863/UE EN 50575:2014+A1 Ozone resistant according to EN 50396 art. 8.1.3 method B UV ray and moisture resistant tests conducted in accordance to UNI EN ISO 4892-2:2013
<b>Application:</b>	For use in industrial, agricultural workshops and building sites. Suitable for heavy duty applications for connecting industrial and agricultural machines and equipment, where cables are subject to medium mechanical stresses (e.g. heating plates, inspection lamps, electric tools such as drills, circular saws and household electric tools). Use in dry, humid or moist rooms (AD6) and for fixed installations e.g. on facades of temporary buildings and building sites accommodations. Suitable for permanent outdoor use.

## H07RN-F Technical Data Sheet

Size (mm)	Max. overall diameter (mm)	Conductor		Insulation thickness (mm)	Sheath thickness (mm)	Weight (kg/km)
		Max. overall diameter of wires (mm)	Max resistance redcu ( $\Omega$ /km)			
2 x 1	10	0.21	19.5	0.80	1.30	88
2 x 1.5	11	0.26	13.3	0.80	1.50	114
2 x 2.5	13.1	0.26	7.98	0.90	1.70	158
2 x 4	15.1	0.31	4.95	1.00	1.80	223
2 x 6	16.8	0.31	3.3	1.00	2.00	290
2 x 10	22.6	0.41	1.91	1.20	3.10	574
2 x 16	25.7	0.41	1.21	1.20	3.30	761
3 x 1	10.7	0.21	19.5	0.80	1.40	108
3 x 1.5	11.9	0.26	13.3	0.80	1.60	139
3 x 2.5	14	0.26	7.98	0.90	1.80	200
3 x 4	16.2	0.31	4.95	1.00	1.90	273
3 x 6	18	0.31	3.3	1.00	2.10	366
3 x 10	24.2	0.41	1.91	1.20	3.30	680
3 x 16	27.6	0.41	1.21	1.20	3.50	953
4 x 1	11.9	0.21	19.5	0.80	1.50	136
4 x 1.5	13.1	0.26	13.3	0.80	1.70	178
4 x 2.5	15.5	0.26	7.98	0.90	1.90	252
4 x 4	17.9	0.31	4.95	1.00	2.00	340
4 x 6	20	0.31	3.3	1.00	2.30	470
4 x 10	26.5	0.41	1.91	1.20	3.40	838
4 x 16	30.7	0.41	1.21	1.20	3.60	1186
5 x 1	13.1	0.21	19.5	0.80	1.60	174
5 x 1.5	14.4	0.26	13.3	0.80	1.80	217
5 x 2.5	17	0.26	7.98	0.90	2.00	309
5 x 4	19.9	0.31	4.95	1.00	2.20	426
5 x 6	22.2	0.31	3.3	1.00	2.50	586
5 x 10	29.1	0.41	1.91	1.20	3.60	1019
5 x 16	33.3	0.41	1.21	1.20	3.90	1501