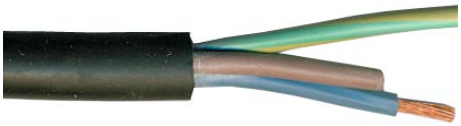
GOLDWING
CABLING FOR INDUSTRY

H07RN-F Technical Data Sheet



Rated Voltage	Max. Operating Temperature	Min. Temperature of Installation	Max. Temperature of Short Circuit	Min. Internal Bending Radius	Max. Mechanical Stress
450/750V	60ºC	-25ºC	200ºC	6 x OD	5 Kg/mm

Conductor:	Class 5 flexible bare copper to EN 60228, IEC 60228
Insulation:	EPR (Ethylene-Propylene Rubber) type E14
Cores:	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
Sheath:	(PCP) Elastomeric Reticulated Polychloroprene type EM2 or other equivalent synthetic elastomer
Standards:	CEI 20-19/4, (HD 22.4-EN 50525-2-21), RoHS 2011/65/UE
Application:	This cable is suitable for use in dry, humid or moist rooms and in open air. Suitable for use in industrial and agricultural workshop appliances, large boiling installations, heating plates, portable lamps, electrical tools and transportable motors or generators. This cable is also suitable for use on submersible pumps in clean water down to a depth of 10m.

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Size (No x mm)	Mean Overall Diameter (mm) (± 0.2mm)	Indicative Weight of Cable (g/m)	Conductor Max. Diameter of wires (mm)	Conductor Max. Resistance (Ohms/KM @ 20ºC)	Insulation Thickness (mm)	Sheath Thickness (mm)	Current (A) Ratings With Ambient Temp. Lower Than 30ºC	
							*FM	* FI
2x1	8	88	0.210	19.50	0.62 - 0.8	1.00 - 1.3	15	17
3x1	8.7	108	0.210	19.50	0.62 - 0.8	1.09 - 1.4	15	17
4x1	9.7	136	0.210	19.50	0.62 - 0.8	1.18 - 1.5	13.5	17
5x1	11	174	0.210	19.50	0.62 - 0.8	1.26 - 1.6	13.5	17
1x1.5	6	52	0.260	13.300	0.62 - 0.8	1.09 - 1.4	17.5	22
2x1.5	9	114	0.260	13.300	0.62 - 0.8	1.18 - 1.5	19.5	22
3x1.5	9.7	139	0.260	13.300	0.62 - 0.8	1.26 - 1.6	19.5	22
4x1.5	10.9	178	0.260	13.300	0.62 - 0.8	1.35 - 1.7	17.5	22
5x1.5	12	217	0.260	13.30	0.62 - 0.8	1.43 - 1.8	17.5	22
1x2.5	6.7	69	0.260	7.980	0.71 - 0.9	1.09 - 1.4	24	30
2x2.5	10.4	158	0.260	7.980	0.71 - 0.9	1.35 - 1.7	26	30
3x2.5	11.4	200	0.260	7.980	0.71 - 0.9	1.43 - 1.8	26	30
4x2.5	12.7	253	0.260	7.980	0.71 - 0.9	1.51 - 1.9	24	30
5x2.5	14	309	0.260	7.980	0.71 - 0.9	1.60 - 2.0	24	30
1x4	7.5	91	0.310	4.950	0.80 - 1.0	1.18 - 1.5	32	40
2x4	12.2	223	0.310	4.950	0.80 - 1.0	1.43 - 1.8	35	40
3x4	13	273	0.310	4.950	0.80 - 1.0	1.51 - 1.9	32	40
4x4	14.3	340	0.310	4.950	0.80 - 1.0	1.60 - 2.0	32	40
5x4	16	426	0.310	4.950	0.80 - 1.0	1.77 - 2.2	32	40
1x6	8.3	119	0.310	3.300	0.80 - 1.0	1.26 - 1.6	41	52
2x6	13.6	291	0.310	3.300	0.80 - 1.0	1.60 - 2.0	46	52
3x6	14.7	366	0.310	3.300	0.80 - 1.0	1.68 - 2.1	46	52
4x6	16.5	470	0.310	3.300	0.80 - 1.0	1.85 - 2.3	41	52
5x6	18.4	586	0.310	3.300	0.80 - 1.0	2.03 - 2.5	41	52

*FM=Free Movement *FI=Fixed Installation

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2x10	18.6	563	0.41	19.10	1.2	-	-
3x10	19.9	705	0.41	19.10	1.2	-	-
4x10	21.8	833	0.41	19.10	1.2	-	-
5x10	24	1010	0.41	19.10	1.2	-	-
2x16	21.7	830	0.41	1.21	1.2	-	-
3x16	23.31	1031	0.41	1.21	1.2	-	-
4x16	25.4	1138	0.41	1.21	1.2	-	-
5x16	28.2	1400	0.41	1.21	1.2	-	-
5 x 50	44	3730	0.41	0.386	1.6	-	-

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