

H07RN-F Premium

Flexible, harmonized cables designed for the power supply of motors and mobile machinery.



Conductor:
Red copper
Grade 5

Isolation:
Elastomer
Color code:
HD 308S2

Outer sheath:
Halogene-free elastomer
Color: Black



FT1 20/11/2017 EN

PRODUCT INFORMATION

APPLICATION

The harmonized cables H07RN-F Premium combine the properties of the cables H07RN-F, H07ZZ-F, H07BN4-F, H07BB-F, and H07RN8-F into one single cable.

DESCRIPTION OF CABLE

Assembly: Helical

ELECTRICAL PROPERTIES

Rated voltage (U°/U): 450/750 V
Test voltage: 2500 V

FEATURES



Tenue au feu : EN 60332-1
LSZH
EN50267-2-1 & EN50267-2-EN61034-2



Service temperature:
Static: -50°C → +90°C
Dynamic: -40°C → +90°C







Minimum radius of curvature:
5 times the empty set







In compliance with the RoHS directive.

Reference standards:
EN 50525-2-21





PRODUCT REFERENCES

			
RNF1X1.5	1 X 1.5	5.7 / 7.1	59
RNF1X2.5	1 X 2.5	6.3 / 7.9	74
RNF1X4	1 X 4	7.2 / 9.0	99
RNF1X6	1 X 6	7.9 / 9.8	129
RNF1X10	1 X 10	9.5 / 11.9	200
RNF1X16	1 X 16	10.8 / 13.4	279
RNF1X25MM	1 X 25	12.7 / 15.8	396
RNF1X35	1 X 35	14.3 / 17.9	540
RNF1X50	1 X 50	16.5 / 20.6	719
RNF1X70	1 X 70	18.6 / 23.3	947
RNF1X95	1 X 95	20.8 / 26.0	1230
RNF1X120	1 X 120	22.8 / 28.6	1520
RNF1X150	1 X 150	25.2 / 31.4	1887
RNF1X185	1 X 185	27.6 / 34.4	2300
RNF1X240	1 X 240	30.6 / 38.3	2960
RNF1X300	1 X 300	33.5 / 41.9	3585
RNF3G1	3 G 1	8.3 / 10.7	111
RNF4G1	4 G 1	9.2 / 11.9	146
RNF5G1	5 G 1	10.2 / 13.1	192
RNF2X1.5	2 X 1.5	8.5 / 11.0	128
RNF3G1.5	3 G 1.5	9.2 / 11.9	157
RNF4G1.5	4 G 1.5	10.2 / 13.1	192
RNF5G1.5	5 G 1.5	11.2 / 14.4	238
RNF7G1.5	7 G 1.5	14.5 / 17.5	371
RNF12G1.5	12 G 1.5	17.6 / 22.4	516
RNF18G1.5	18 G 1.5	20.7 / 26.3	770
RNF19G1.5	19 G 1.5	20.7 / 26.3	788
RNF24G1.5	24 G 1.5	24.3 / 30.7	968

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RNF2X2.5	2 X 2.5	10.2 / 13.1	177
RNF3G2.5	3 G 2.5	10.9 / 14.0	217
RNF4G2.5	4 G 2.5	12.1 / 15.5	269
RNF5G2.5	5 G 2.5	13.3 / 17.0	329
RNF7G2.5	7 G 2.5	16.5 / 20.0	499
RNF12G2.5	12 G 2.5	20.6 / 26.2	719
RNF18G2.5	18 G 2.5	24.4 / 31.0	1068
RNF19G2.5	19 G 2.5	24.4 / 31.0	1068
RNF24G2.5	24 G 2.5	28.8 / 36.4	1400
RNF2X4	2 X 4	11.8 / 15.1	249
RNF3G4	3 G 4	12.7 / 16.2	298
RNF4G4	4 G 4	14.0 / 17.9	373
RNF5G4	5 G 4	16.5 / 19.9	466
RNF2X6	2 X 6	13.1 / 16.8	327
RNF3G6	3 G 6	14.1 / 18.0	407
RNF4G6	4 G 6	15.7 / 20.0	514
RNF5G6	5 G 6	17.5 / 22.2	640
RNF2X10	2 X 10	17.7 / 22.6	586
RNF3G10	3 G 10	19.1 / 24.2	716
RNF4G10	4 G 10	20.9 / 26.5	898
RNF5G10	5 G 10	22.9 / 29.1	1107
RNF2X16	2 X 16	20.2 / 25.7	810
RNF3G16	3 G 16	21.8 / 27.6	1008
RNF4G16	4 G 16	23.8 / 30.1	1253
RNF5G16	5 G 16	26.4 / 33.3	1564
RNF2X25MM	2 X 25MM	24.3 / 30.7	1157
RNF3G25MM	3 G 25MM	26.1 / 33.0	1451
RNF4G25MM	4 G 25MM	28.9 / 36.6	1846
RNF5G25MM	5 G 25MM	32.0 / 40.4	2291
RNF3G35	3 G 35	29.3 / 37.1	1901
RNF4G35	4 G 35	32.5 / 41.1	2393
RNF5G35	5 G 35	36.8 / 45.8	2684

PRODUCT REFERENCES

 REF	 nxmm ²	 Ø ext. mm min/max	 Kg/Km ³
RNF3G50	3 G 50	34.1 / 42.9	2580
RNF4G50	4 G 50	37.7 / 47.5	3284
RNF5G50	5 G 50	40.0 / 50.8	3950
RNF3G70	3 G 70	38.4 / 48.3	3386
RNF4G70	4 G 70	42.7 / 54.0	4331
RNF5G70	5 G 70	46.5 / 58.6	4893
RNF3G95	3 G 95	43.3 / 54.0	4483
RNF4G95	4 G 95	48.4 / 61.0	5712
RNF3G120	3 G 120	47.4 / 60.0	5182
RNF4G120	4 G 120	53.0 / 66.0	6828
RNF4G150	4 G 150	58.0 / 73.0	8319
RNF4G185	4 G 185	64.0 / 80.0	10062