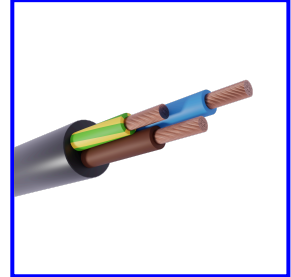


H07RN-F

Application

H07RN-F is a rubber cable that can be used indoors and outdoors as a connection cable in humid and warm environments. It is suitable as a connection to motor-driven implements, tools, machines etc. where high flexibility is required, as well as the risk of short-term effects from oil and petrol. The cable is UV resistant, CE marked and RoHS certified.



Construction

Conductor:	Copper class 5, annealed. according to IEC 60228.
Insulation:	Rubber EI4
Color code:	Cenelec HD 308
Outer sheath:	Black polychloroprene EM2 - water application according to AD6. /> 5G120 is not harmonized and therefore without H in the name.

Technical specifications

Rated voltage: Flexible installation:
450/750 V AC U_o/U
For fixed installation:
600/1000 V AC

Test voltage: 2,5 kV

Temperature: -40° to +60° C.
(Without mechanical
impact/shock)

Short circuit temperature: Max. 200°C.

Note regarding column
"Current value A": The first number in
the column indicates
the current value for
flexible installation at
60° C conductor
temperature.

The last number in
the column indicates
the current value for
fixed installation at
85° C conductor
temperature.

Bending radius: During installation: 6
x Ø
Fixed installation: 4 x
Ø

Standards:

BT 2006/95/EC- 2011/65/EU (RoHS 2))

HAS / CE / VDE 0282-4

CEI EN 50525-2-21, 60811-2-1 (A), 50396 (B), 60332-1-2 (CEI 20-53)

CEI 20-1072-21, CEI 20-19/4 (CENELEC HD 22.4 S4)

BS 7919:2001 NF C 32-102-4, BS EN 60332-1-2 NF EN 60332-1-2

DIN EN 60332-1-2 / Oil resistant according to EN 60811-2-1.

H07RN-F

Item number	EAN number	Number / cross-section mm ²	Installation	Current value A	Ext. dia approx. etc	Weight, kg/km
310001025	5710693009338	1 x 2,5	We.	25/32	7,9	67
310001040	5710693009352	1 x 4,0	We.	30/43	9	92
310001060	5710693009369	1 x 6,0	We.	38/56	9,8	121
310001100	5710693052624	1 x 10	We.	53/77	11,9	186
310001160	5710693052631	1 x 16	We.	71/102	13,4	256
310001250	5710693052648	1 x 25	We.	94/136	15,8	368
310001350	5710693052655	1 x 35	We.	117/168	17,9	485
310001500	5710693052679	1 x 50	We.	148/203	20,6	668
310001700	5710693052679	1 x 70	We.	185/254	23,3	905
310001950	5710693009444	1 x 95	We.	222/299	26	1180
310001120	5710693009383	1 x 120	We.	260/363	24,5	1445
310001150	5710693009390	1 x 150	We.	300/416	31,4	1810
310001185	5710693009437	1 x 185	We.	341/475	28,9	2125
310001240	5710693052686	1 x 240	We.	407/559	38,3	2750
310001300	5710693052693	1 x 300	We.	468/637	41,9	3271
310001400	5710693052709	1 x 400	We.	553/722	46,8	4286
310002010	5710693009451	2 x 1,0	We.	10/18	10,1	88
310002016	5710693009543	2 x 1,5	We.	18/23	11,0	113
310002026	5710693009567	2 x 2,5	We.	27/32	13,1	160
310002040	5710693090886	2 x 4,0	We.	34/43	15,1	221
310103010	5710693009772	3G1,0	We.	10/18	10,7	107

H07RN-F

Item number	EAN number	Number / cross-section mm ²	Installation	Current value A	Ext. dia approx. etc	Weight, kg/km
310103016	5710693009963	3G1,5	We.	16/23	11,9	135
310103015-100	5710693009956	3G1,5	R100	16/23	11,9	135
310103015-25	5710693009871	3G1,5	R25	16/23	11,9	135
310103026	5710693010099	3G2,5	We.	25/32	14	190
310103025-50	5710693010068	3G2,5	R50	25/32	14	190
310103040	5710693010167	3G4,0	We.	29/43	16,2	267
310103060	5710693010181	3G6,0	We.	36/56	18	359
310103100	5710693052716	3G10	We.	61/77	24,2	635
310103160	5710693010204	3G16	We.	67/102	27,6	877
310103250	5710693052723	3G25	We.	89/136	33	1270
310103350	5710693052730	3G35	We.	110/168	37,1	1660
310103500	5710693052747	3G50	Tr	138/203	35,8	2409,0
310103700	5710693052754	3G70	Tr	172/254	40,5	3211,0
310103950	5710693052761	3G95	Tr	204/299	45,1	4210,0
310104010	5710693010211	4G1,0	We.	10/16	10,0	136
310104016	5710693010280	4G1,5	We.	16/21	10,8	166
310104026	5710693010341	4G2,5	We.	20/29	12,7	241
310104040	5710693010358	4G4,0	We.	30/38	14,6	336
310104060	5710693010396	4G6,0	We.	37/50	16,4	449
310104100	5710693010433	4G10	We.	52/68	22,6	833

H07RN-F

Item number	EAN number	Number / cross-section mm ²	Installation	Current value A	Ext. dia approx. etc	Weight, kg/km
310104160	5710693010495	4G16	We.	69/92	25,4	1138
310104250	5710693010525	4G25	We.	92/122	30,8	1714
310104350	5710693010570	4G35	We.	114/150	34,2	2204
310104500	5710693010587	4G50	We.	143/182	39,6	3029
310104700	5710693010617	4G70	We.	178/232	44,9	4121
310104950	5710693010648	4G95	We.	210/281	50,4	5361
310104120	5710693010464	4G120	We.	246/325	55,3	6546
310104150	5710693010488	4G150	We.	282/373	60,9	8095
310104185	5710693052778	4G185	We.	319/425	65,7	9652
710104240	5710693028421	4G240	We.	365 /?	74	13120
310105010	5710693052785	5G1,0	We.	10/16	11,0	168
310105015-100	5710693010655	5G1,5	R100	16/21	11,8	206
310105016	5710693064801	5G1,5	We.	16/21	11,8	206
310105026	5710693010921	5G2,5	We.	20/29	13,9	297
310105025-25	5710693010808	5G2,5	R25	20/29	13,9	297
310105025-50	5710693010785	5G2,5	R50	20/29	13,9	297
310105040	5710693010983	5G4,0	We.	30/38	16,2	422
310105060-25	5710693011041	5G6,0	R25	38/50	18,1	567
310105060	5710693052792	5G6,0	We.	38/50	18,1	567

H07RN-F

Item number	EAN number	Number / cross-section mm ²	Installation	Current value A	Ext. dia approx. etc	Weight, kg/km
310105100	5710693011133	5G10	We.	54/68	24,8	1010
310105160-25	5710693059623	5G16	Tr	71/92	28	1400
310105160	5710693011188	5G16	We.	71/92	28,0	1400
310105250	5710693011263	5G25	We.	94/122	33,6	2096
310105350	5710693011317	5G35	We.	114/150	38,0	2700
310105500	5710693011317	5G50	Tr	143/182	48	3950
310105700	5710693063965	5G70	Tr	178/232	52	5050
710105950	5710693028780	5G95	We.	222	58	6600
310105120	5710693095379	5G120	We.	246	61	8051
310105150	5710693073896	5G150	We.	282	73	10500
310105185	5710693095386	5G185	We.	319	74,8	12208
310105240	5710693095393	5G240	We.	377	81,9	15230
310112016	5710693011577	12G1,5	We.	16/21	18,9	493
310112026	5710693052815	12G2,5	We.	20/29	22,0	702
310119016	5710693052808	19G1,5	We.	16/21	22,1	710
310119026	5710693011607	19G2,5	We.	20/29	26,0	1030
310124026	5710693011614	24G2,5	We.	20/29	30,4	1312