



We Make Modern
Life Possible

PVC AND RUBBER CABLES AND WIRES

H07RN-F (GMSuö)

Heavy flexible cable, oil resistant



TECHNICAL DATA



Standard
EN 50525-2-21



Rated Voltage
450/750 V (U₀/U)



Test Voltage
2.5 kV / 50 Hz



Bending radius (min.)
4 x Ø of cable



Core identification
HD 308 S2



Fire properties
EN 60332-1-2: flame retardant and self-extinguishing



Certificate
VDE Germany



Temperature range
Laying temperature: min. -25°C
Operating temperature: -25°C up to 50°C
Conductor temperature: max. 60°C
Short circuit temperature: max. 200°C

DESIGN



Number of cores x nominal cross-section	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
2 x 1	20.0	9.0	100	500 SP, 1000 SP
3 x 1	20.0	9.5	120	500 SP, 1000 SP
4 x 1	20.0	11.5	190	500 SP, 1000 SP
5 x 1	20.0	11.5	180	500 SP, 1000 SP
2 x 1.5	13.7	9.5	130	500 SP, 1000 SP
3 x 1.5	13.7	10.5	150	100 R, 500 SP, 1000 T
3 x 1.5	13.7	10.5	150	100 R, 500 SP, 1000 T
4 x 1.5	13.7	11.5	190	100 R, 500 SP, 1000 T
5 x 1.5	13.7	12.5	230	100 R, 500 SP, 1000 T
5 x 1.5	13.7	12.5	230	500 T, 1000 T
7 x 1.5	13.7	15.5	330	500 T, 1000 T
9 x 1.5	13.7	17.0	428	500 T, 1000 T
12 x 1.5	13.7	20.0	470	500 T, 1000 T
19 x 1.5	13.7	23.0	620	500 T, 1000 T
24 x 1.5	13.7	25.5	1000	500 T, 1000 T
27 x 1.5	13.7	27.0	1077	500 T, 1000 T
37 x 1.5	13.7	33.0	1290	500 T, 1000 T
2 x 2.5	8.21	11.5	190	500 SP, 1000 SP
3 x 2.5	8.21	12.5	220	100 R, 500 SP, 1000 T
3 x 2.5	8.21	12.5	220	100 R, 500 SP, 1000 T
4 x 2.5	8.21	14.0	280	100 R, 500 SP, 1000 T
5 x 2.5	8.21	15.5	340	100 R, 500 SP, 1000 T
5 x 2.5	8.21	15.5	340	500 T, 1000 T
7 x 2.5	8.21	17.5	470	500 T, 1000 T
12 x 2.5	8.21	23.0	650	500 T, 1000 T
19 x 2.5	8.21	28.0	1100	500 T, 1000 T
24 x 2.5	8.21	32.5	1260	500 T, 1000 T
27 x 2.5	8.21	36.0	1577	500 T, 1000 T
1 x 4	5.09	8.0	105	500 T, 1000 T
2 x 4	5.09	13.5	240	500 T, 1000 T
3 x 4	5.09	14.5	305	500 T, 1000 T
4 x 4	5.09	16.0	390	500 T, 1000 T
5 x 4	5.09	17.5	470	500 T, 1000 T
5 x 4	5.09	17.5	470	500 T, 1000 T
7 x 4	5.09	20.0	703	500 T, 1000 T
12 x 4	5.09	26.5	1020	500 T, 1000 T
1 x 6	3.39	9.0	140	500 T, 1000 T
2 x 6	3.39	15.0	290	500 T, 1000 T
3 x 6	3.39	16.0	495	500 T, 1000 T
3 x 6	3.39	16.0	495	500 T, 1000 T
4 x 6	3.39	17.5	520	500 T, 1000 T
5 x 6	3.39	19.0	640	500 T, 1000 T
5 x 6	3.39	19.0	640	500 T, 1000 T
1 x 10	1.95	11.0	210	500 T, 1000 T



Number of cores x nominal cross-section	Max. conductor resistance (Ω /km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
2 x 10	1.95	21.0	620	500 T, 1000 T
3 x 10	1.95	22.0	880	500 T, 1000 T
4 x 10	1.95	24.0	950	500 T, 1000 T
5 x 10	1.95	26.0	1150	500 T, 1000 T
1 x 16	1.24	12.0	290	500 T, 1000 T
3 x 16	1.21	24.5	1260	500 T, 1000 T
4 x 16	1.24	27.0	1400	500 T, 1000 T
5 x 16	1.24	30.0	1700	500 T, 1000 T
1 x 25	0.795	13.5	410	500 T, 1000 T
3 x 25	0.795	28.5	1457	500 T, 1000 T
4 x 25	0.795	32.5	1950	500 T, 1000 T
5 x 25	0.795	36.0	2400	500 T, 1000 T
1 x 35	0.565	16.0	560	500 T, 1000 T
3 x 35	0.565	29.6	1850	500 T, 1000 T
4 x 35	0.565	37.0	2700	500 T, 1000 T
5 x 35	0.565	38.0	3000	500 D
1 x 50	0.393	17.6	740	500 T, 1000 T
1 x 50	0.393	17.6	740	500 T, 1000 T
3 x 50	0.393	36.0	3790	500 D
4 x 50	0.393	42.0	3600	500 D
5 x 50	0.393	44.5	3950	500 D
1 x 70	0.277	21.0	1050	500 T, 1000 T
4 x 70	0.277	49.5	4900	500 D
1 x 95	0.21	23.0	1300	500 T, 1000 T
4 x 95	0.21	55.5	6200	500 D
1 x 120	0.164	25.0	1560	500 T, 1000 T
4 x 120	0.164	60.0	7800	500 D
1 x 150	0.132	28.0	2000	500 T, 1000 T
4 x 150	0.132	65.0	9700	500 D
5 x 150	0.132	73.0	10500	500 D
1 x 185	0.108	31.0	2300	500 T, 1000 T
4 x 185	0.108	65.0	9700	500 D
1 x 240	0.082	34.0	3000	500 T, 1000 T
4 x 240	0.082	74.0	13120	500 D
1 x 300	0.064	34.1	3600	500 T, 1000 T

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