

◀HAR▶ H07RN-F 5G1,5



Elastomeric Single Core & Multicore H07RN-F

A 450/750 volt elastomeric insulated and sheathed flexible trailing cable in single core and multicore. The mechanical and chemical characteristics of the rubber compound provides good abrasion resistance and the ability to withstand many oils and chemicals. The construction and performance enables the product to be used in arduous and low temperature conditions.

Single core and large cross section multicore cables are used for energy distribution for both temporary and fixed applications.

CONSTRUCTION

Plain copper class 5 conductor ethylene propylene rubber (EPR) insulation with HAR colour code designation. Cores twisted together with polychloroprene (PCP) black sheath overall.

TECHNICAL DATA

BS 7919 BS EN 50525-2-21

Nominal Voltage	450/750V 1kv (for fixed installation)
Test Voltage	3000V
Operating Temperature Static	-40°C to +85°C
Operating Temperature Flexing	-25°C to +85°C
Bending Radius	Diameter less than 25mm 6 x Diameter greater than 25mm 8 x
Current Rating Table	4F1A & 4F1B



H07RN-F SINGLE & MULTICORE CABLE DIMENSIONS

Cores x mm ²	Nom OD mm	Weight kg / km	Cores x mm ²	Nom OD mm	Weight kg / km
1 x 1.5	6.9	51	3 x 10.0	22.2	750
1 x 2.5	7.4	75	3 x 16.0	24.9	1012
1 x 4.0	7.9	115	4 x 1.0	10.8	160
1 x 6.0	9.1	140	4 x 1.5	12.4	190
1 x 10.0	10.8	212	4 x 2.5	13.9	275
1 x 16.0	12.2	305	4 x 4.0	16.2	428
1 x 25.0	14.1	425	4 x 6.0	19.1	578
1 x 35.0	15.9	540	4 x 10.0	24.8	960
1 x 50.0	18.5	720	4 x 16.0	27.8	1312
1 x 70.0	21.2	960	4 x 25.0	33.4	1740
1 x 95.0	23.9	1220	4 x 35.0	37.5	2334
1 x 120.0	25.8	1510	4 x 50.0	43.9	3040
1 x 150.0	28.8	1822	4 x 70.0	49.8	4110
1 x 185.0	31.5	2170	4 x 95.0	48.8	5350
1 x 240.0	35.1	2804	5 x 1.0	11.4	190
1 x 300.0	38.8	3400	5 x 1.5	12.8	220
1 x 400.0	43.6	4310	5 x 2.5	14.8	330
1 x 500.0	47.8	5340	5 x 4.0	17.6	520
1 x 630.0	51.5	6980	5 x 6.0	21.2	716
2 x 1.0	5.9	105	5 x 10.0	26.9	1190
2 x 1.5	6.6	130	5 x 16.0	30.7	1558
2 x 2.5	7.8	189	5 x 25.0	37.2	2260
2 x 4.0	9.6	296	5 x 35.0	41.5	3295
2 x 6.0	11.8	380	5 x 50.0	48.8	4235
2 x 10.0	14.5	650	7 x 1.5	13.4	440
2 x 16.0	16.5	860	7 x 2.5	14.4	490
3 x 1.0	9.5	130	12 x 1.5	14.2	540
3 x 1.5	10.5	160	12 x 2.5	16.6	754
3 x 2.5	12.2	225	19 x 1.5	24.4	755
3 x 4.0	14.4	335	19 x 2.5	27.4	1110
3 x 6.0	16.6	450			

