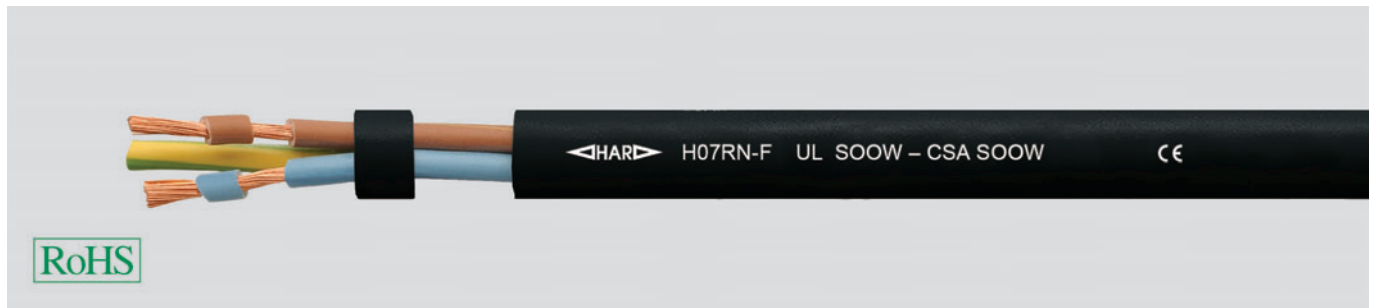


# H07RN-F/SOOW rubber-sheathed cable, harmonized type



## Technical data

- Rubber-sheathed cable H07RN-F according to VDE 0282 Part 4, HD 22.4 S4
- UL - SOOW  
CSA - SOOW
- **Temperature range**
- HAR -25 °C to +60 °C
- UL/CSA -40 °C to +90 °C
- Permissible **operating temperature** at the conductor +60 °C
- **Nominal voltage**  
HAR 450/750 V  
UL/CSA 600 V
- **Test voltage** 2500 V
- **Minimum bending radius**  
Flexing 10x cable ø  
Fixed installation 7,5 cable ø

## Cable structure

- Bare copper conductor, fine wire stranded according to  
DIN VDE 0295 cl. 5, BS 6360 cl. 5, IEC 60228 or  
HD 383
- Rubber core insulation (EPR)
- Core identification  
3 cores: blue, brown, green-yellow  
4 cores: brown, black, grey, green-yellow  
5 cores: blue, brown, black, grey, green-yellow
- Cores stranded in layers with optimal lay-lengths
- Rubber outer sheath (CPE)
- Sheath colour - black

## Properties

- Ozone-resistant
- Weather and UV-resistant
- Resistant to oils and greases

## Note

- G - with green-yellow earth core

## Application

Highly-standardised, heavy-duty rubber-sheathed cable for use in practically all machines destined for export markets, in dry, damp, wet environments and outdoors. As a feeder to transportable motors or machines, cranes, hoists, hand lamps and drilling machines.

CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

Part no.	No. cores x cross-sec. mm <sup>2</sup>	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
39025	3 G 1	9,6	29,0	130,0	18
39026	3 G 1,5	10,2	43,0	165,0	16
39027	4 G 1,5	11,4	58,0	200,0	16
39028	5 G 1,5	13,1	72,0	240,0	16
39029	3 G 2,5	14,0	72,0	235,0	14
39030	4 G 2,5	15,1	96,0	290,0	14
39031	5 G 2,5	16,9	120,0	345,0	14
39032	3 G 4	16,0	115,0	320,0	12

Part no.	No. cores x cross-sec. mm <sup>2</sup>	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
39033	4 G 4	17,3	154,0	395,0	12
39034	5 G 4	18,7	192,0	485,0	12
39035	3 G 6	17,1	173,0	420,0	10
39036	4 G 6	18,4	230,0	540,0	10
39037	5 G 6	20,1	288,0	650,0	10
39038	3 G 10	22,9	288,0	810,0	8
39039	4 G 10	25,0	384,0	950,0	8

Dimensions and specifications may be changed without prior notice. (RF01)