H05RR-F
Light duty rubber cable

Technical data

- **Specific insulation resistance**
  1 GOhm x cm
- **Temperature range**
  -25 ℃ to +60 ℃
- **Nominal voltage** 300/500 V
- **Test voltage** 2000 V
- **Minimum bending radius**
  6 x cable diameter
- G = with protective conductor
- X = without protective conductor

Cable structure

- Bare copper wire according to HAR
- Core insulation: rubber
- Sheath: rubber

Application

H05RR-F light duty rubber cable is used as a power supplied cables. It can be used either in dry or damp areas and suitable for outdoor application.

NO. Cores x Cross-sec. mm^2	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km
2 x 0.75	5.7 - 7.4	14.4	61
3 G 0.75	6.2 - 8.1	21.6	75
2 x 1.00	6.1 - 8.0	19.0	73
3 G 1.00	6.5 - 8.5	29.0	86
4 G 1.00	7.1 - 9.3	38.0	105
2 x 1.50	7.6 - 9.8	29.0	115
3 G 1.50	8 - 10.4	43.0	135
4 G 1.50	9 - 11.6	58.0	165
5 G 1.50	9.8 - 12.7	72.0	190
2 x 2.50	9 - 11.6	48.0	160
3 G 2.50	9.6 - 12.4	72.0	190
4 G 2.50	10.7 - 13.8	96.0	235
5 G 2.50	11.9 - 15.3	120.0	285

H05RN-F
Medium duty rubber cable

Technical data

- **Specific insulation resistance**
  1 GOhm x cm
- **Temperature range**
  -25 ℃ to +60 ℃
- **Nominal voltage** 300/500 V
- **Test voltage** 2000 V
- **Minimum bending radius**
  6 x cable diameter
- G = with protective conductor
- X = without protective conductor

Cable structure

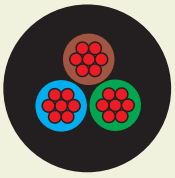
- Bare copper wire according to HAR
- Core insulation: rubber
- Sheath: rubber

Application

H05RN-F medium duty rubber cable is used as a power supplied cables. It can be used either in dry or damp areas and suitable for outdoor application.

NO. Cores x Cross-sec. mm^2	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km
2 x 0.75	5.7 - 7.4	14.4	80
3 G 0.75	6.2 - 8.1	21.6	95
4 G 0.75	6.8 - 8.8	30.0	105
2 x 1.00	6.1 - 8.0	19.0	95
3 G 1.00	6.5 - 8.5	29.0	115

H07RN-F
Heavy duty rubber cable



Technical data

- **Specific insulation resistance**
  1 GOhm x cm
- **Temperature range**
  -25 ℃ to +60 ℃
- **Nominal voltage** 450/750 V
- **Test voltage** 2500 V
- **Minimum bending radius**
  6 x cable diameter
- G = with protective conductor
- X = without protective conductor

Cable structure

- Bare copper wire according to HAR
- Core insulation: rubber
- Sheath: rubber

Application

H07RN-F heavy duty rubber cable is used as a power supplied cables. It can be used either in dry or damp areas and suitable for outdoor application.

NO. Cores x Cross-sec. mm^2	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km
3 G 1.0	8.3 - 10.7	29	130
2 x 1.5	8.5 - 11	29	135
3 G 1.5	9.2 - 11.9	43	165
4 G 1.5	10.2 - 13.1	58	200
5 G 1.5	11.2 - 14.4	72	240
7 G 1.5	14 - 17.5	101	385
12 G 1.5	17.6 - 22.4	173	516
19 G 1.5	20.7 - 26.3	274	800
24 G 1.5	24.3 - 30.7	346	882
25 G 1.5	25.1 - 25.9	360	920
2 x 2.5	10.2 - 13.1	48	195
3 G 2.5	10.9 - 14	72	235
4 G 2.5	12.1 - 15.5	96	290
5 G 2.5	13.3 - 17	120	294
7 G 2.5	16.5 - 20	168	520

H01N2-D
Rubber sheathed welding cable

Technical data

- **Specific insulation resistance**
  1 GOhm x cm
- **Temperature range**
  -25 ℃ to +85 ℃
- **Nominal voltage** 100 V
- **Test voltage** 1000 V
- **Minimum bending radius**
  12 x cable diameter

Cable structure

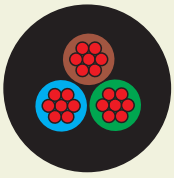
- Bare copper wire according to HAR
- Outer jacket of rubber

Application

H01N2-D rubber sheathed welding cable is used as a connecting cable for transmission of high currents between the welding device and welding tools. It can be used either in dry or damp areas and suitable for outdoor application.

Cross-sec. mm^2	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km
10	7.7 - 9.7	96	171
16	8.8 - 11	154	198
25	10.1 - 12.7	240	305
35	11.4 - 14.2	336	415
50	13.2 - 16.5	480	555
70	15.3 - 19.2	672	765
95	17.1 - 21.4	912	1010
120	19.2 - 24	1152	1262
150	21.2 - 26.4	1440	1610
240	25 - 29.5	2304	2520

H07RN8-F
Rubber sheathed submersible pump cable



Technical data

- **Specific insulation resistance**
  1 GOhm x cm
- **Temperature range**
  Flexible: -25 °C to +60 °C
  Static: -40 °C to +60 °C
  Max. water temp.: +40°C
- **Nominal voltage** 450/750 V
- **Test voltage** 2500 V
- **Minimum bending radius**
  6 x cable diameter
- G = with protective conductor
- X = without protective conductor

Cable structure

- Bare copper wire according to HAR
- Core insulation: rubber
- Sheath: rubber

Application

H07RN8-F rubber sheathed submersible pump cable is used as a connecting cable for the electrical equipment in water. It can be used either in dry or damp areas and suitable for outdoor application.

NO. Cores x Cross-sec. mm^2	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1 x 4	7.2 - 9	38	100
1 x 6	7.9 - 9.8	58	120
1 x 10	9.5 - 11.9	96	200
1 x 25	12.7 - 15.8	240	400
3 G 1,5	9.2 - 11.9	43	170
4 G 1,5	10.2 - 13.1	58	205
7 G 1,5	14 - 17.5	101	385
3 G 2,5	10.9 - 14	72	210
4 G 2,5	12.1 - 15.5	96	260
7 G 2,5	16.5 - 20	168	520
4 G 4	14 - 17.9	154	356
4 G 6	15.7 - 20	230	475
4 G 10	20.9 - 26.5	384	837
4 G 16	23.8 - 30.1	614	1220
4 G 25	28.9 - 36.6	960	1770
4 G 35	32.5 - 41.1	1344	2304

H07BN4-F
Torsion resistant rubber cable

Technical data

- **Specific insulation resistance**
  1 GOhm x cm
- **Temperature range**
  Flexible use: -15 °C to +90 °C
  Wind energy: -40 °C to +90 °C
  Fixed installation: -40°C to +90 °C
- **Nominal voltage** 450/750 V
- **Test voltage** 2500 V
- **Minimum bending radius**
  Flexible use: 6 x outer diameter
  Fixed installation: 5 x outer diameter

Cable structure

- Bare copper wire according to HAR
- Outer jacket of rubber

Properties

- Flame retardant according to IEC 60332-1-2
- Torsion-resistant
- Oil resistant to most transmission oils
- Abrasion- and cut-resistant; cold-flexible; ozone-resistant according to HD 22, EN 60811-2-1 and EN 50396-8.1.3

Application

H07BN4-F torsion resistant rubber cable is used as a connecting cable for windmill. It can be used either in dry or damp areas and suitable for outdoor application.

Cross-sec. mm^2	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km
95	20.8 - 23.5	912	1300
120	22.8 - 25.0	1152	1500
150	25.2 - 27.8	1440	1850
185	27.6 - 30.1	1776	2200
240	30.6 - 33.9	2304	2900
300	33.5 - 36.7	2880	3400
400	37.4 - 46.8	3840	4400