Electrical Cables

RUBBER flexible cable H05RR-F

Rubber cable for standard portable devices at light mechanical load. It is a flexible class 5 cable for indoor applications. Flame retardant black rubber sheat, not resistant agains oils, fuels and acids. Resistant against low temperatures. For hand tools and mobile devices according to EN 50565-2. Ozone resistant. Fixed installation: -25°C up to +60°C. Occasionally moved: -25°C bis +60°C.



Fine multicore flexible copper conductor according to IEC 60228 class 5. Nominal voltage 300/500V and tested voltage 2000V.

Article No.	Description	Outside Ø mm	IMPA
9800030	H05RR-F 2x0.75mm ²	6.5	79 41 21
9800031	H05RR-F 2x1.00mm ²	7	79 41 22
9800032	H05RR-F 2x1.50mm ²	8.5	79 41 22
9800033	H05RR-F 2x2.50mm ²	10	79 41 23
9800034	H05RR-F 3x0.75mm ²	7	79 41 31
9800035	H05RR-F 3x1.00mm ²	7.5	79 41 32
9800036	H05RR-F 3x1.50mm ²	9	79 41 32

Article No.	Description	Outside Ø mm	IMPA
9800037	H05RR-F 3x2.50mm ²	10.5	79 41 33
9800038	H05RR-F 4x1.00mm ²	8	79 41 42
9800039	H05RR-F 4x1.50mm ²	10	79 41 42
9800040	H05RR-F 4x2.50mm ²	12	79 41 43
9800041	H05RR-F 5x1.50mm ²	11	-
9800042	H05RR-F 5x2.50mm ²	13	-



WELDING cable flexible rubber H01N2-D

Voltage: 100V Flexible electrolytic annealled copper conductor, class D according to HD 22.6 (1). Polyester seperator tape (2). Thermosetting rubber sheath, black colour, type EM5 according to HD22 (3)

The H01N2-D cable has been specially designed for transmitting high currents between the welding generator and the electrode. The high degree of flexibility makes using the welding tool easier and also keep knots from forming in the cable that could cause the internal conductor to break. It can also be used in automatic welding machines, transport belt, and production or assembly lines.

Characteristics:

Maximum flexibility: The use of flexible copper (CI D) as well as vulcanised rubber sheath gives the cable maximum flexibility which prevent the condutor form breaking. Resistance to chemical products: Vulcanised rubber sheath is the most effective way of protecting against attack of chemical products such as hydrocarbon and

Weather resistance: The properties of the vulcanised rubber sheath on the H01N2-D cables allows a permanent us outdoor. Maximum current for a 5 minute period SEE COLUMN IN % steps of 100-85-60-35%

Article No.	Description	Outside Ø mm	100% A	85% A	60% A	35% A	Kg/mtr	IMPA
980160	H01N2-D 1x16mm ²	9	135 A	145 A	175 A	230 A	196	-
980161	H01N2-D 1x25mm ²	10.2	180 A	195 A	230 A	300 A	279	79 41 01
980162	H01N2-D 1x35mm ²	11.5	225 A	245 A	290 A	375 A	372	79 41 02
980163	H01N2-D 1x50mm ²	13.4	285 A	305 A	365 A	480 A	520	79 41 03
980164	H01N2-D 1x70mm ²	15.5	355 A	380 A	460 A	600 A	724	-
980165	H01N2-D 1x95mm ²	17.6	430 A	470 A	560 A	730 A	947	79 41 04
980166	H01N2-D 1x120mm ²	19.6	500 A	540 A	650 A	850 A	1197	79 41 05



NEOPRENE cable flexible H07RN-F

Flexible electrolytic annealed conductor, class 5 according to IEC 60228 (1). Thermosetting rubber insulation, type EI4 according to HD22. (2).

The standard identification according to HD 308 or EN 50334 is the following: up to 5 conductors by colour, 6 or more conductors black numbered + green/yellow. Thermosetting rubber outer sheath, black colour, type EM2 according to HD22 (3).

Applications:

Heavy duty rubber-sheated flexible cables are suited for use for medium mechanical stress in dry, damp and wet areas as well as in open air and in agroculture plants. They are used for equipment in industry works such as boilers, heating plates, hand lamps, electric powertools, transportable motors and machines at site. The cable is suitable for direct laying on components and mechanical parts of machines, for example lifts and cranes. The cable can be used in case of protected and fixed installation in tubes or in equipment as well as rotor connectioncable of motors with a working voltage up to 1000V alternating voltage or a direct voltage up to 750V against ground. The operating direct voltage is permitted up to 900V against ground when they are used in rail-coaches. Installation in hazardous areas according to DIN VDE 0165 is allowed. Resitant to Ozone, weather reisitant.

Technical data:

Rubber sheated cable H07RN-f to DIN VDE 0282 part 4, HD 22.4 S3, IEC 60245-4. Test of behaviour compared to environmental influences: Behaviour in fire to DIN VDE 0472 part 804, test method B and IEC 60332-1, Ozone resistant of the insulation to DIN VDE 472 part 805, test method A or part 805 A1, test method C. Temperature range: -25°C to +90°C. Permissible operating temperature at conductor +90°C. Nominal voltage: 450/750V. Max. permissible operating voltage in three phase and one phase a.c. system 495/825V. Direct current-system 743/1238V. Test voltage: 2500V. Permanent tensile load: Max. 15 N.mm² under consideration of total copper cross-section. Minimum bending radius: For fixed installation 4 x cable Ø Minimum bending radius: For guide over rollers 7,5 x cable Ø.

Article No.	Description	Outside Ø mm	IMPA
980100	2x1.0mm ²	8.5	79 41 21
980101	2x1.5mm²	9.5	79 41 22
980102	2x2.5mm²	11.5	79 41 23
980103	2x4.0mm ²	13	79 41 24
980104	2x6.0mm ²	14.5	79 41 25
980105	2x10.0mm ²	21 79 41	
980106	2x16.0mm ²	24	79 41 27
980107	3x1.0mm ²	9.5	79 41 31
980108	3x1.5mm ²	10.5	79 41 32
980109	3x2.5mm ²	12	79 41 33
980110	3x4.0mm ²	14	79 41 34
980111	3x6.0mm ²	15.5	79 41 35
980112	3x10.0mm ²	22	79 41 36
980113	3x16.0mm ²	25	79 41 37
980114	3x25.0mm ²	31	-
980115	3x35.0mm ²	35	-
980116	3x50.0mm ²	41	-

Article No.	Description	Outside Ø mm	IMPA
980117	3x70.0mm ²	46	-
980118	3x95.0mm ²	52	-
980119	3x120.0mm ²	56	-
980120	4x1.0mm ²	10	79 41 41
980121	4x1.5mm²	11	79 41 42
980122	4x2.5mm ²	13	79 41 43
980123	4x4.0mm ²	15.5	79 41 44
980124	4x6.0mm ²	17.5	79 41 45
980125	4x10.0mm ²	25	79 41 46
980126	4x16.0mm ²	28	79 41 47
980127	4x25.0mm ²	34	-
980128	4x35.0mm ²	39	-
980129	4x50.0mm ²	45	-
980130	4x70.0mm ²	51	-
980131	4x95.0mm ²	58	-
980132	4x120.0mm²	63	-
980133	5x1.5mm²	12.5	-

Article No.	Description	Outside Ø mm	IMPA
980134	5x2.5mm ²	14.5	-
980135	5x4.0mm ²	17	-
980136	5x6.0mm ²	19.5	-
980137	5x10.0mm ²	27	-
980138	5x16.0mm ²	31	-
980139	5x25.0mm²	38	-
980140	7x1.5mm ²	15	-
980141	7x2.5mm²	17.5	-
980142	9x1.5mm²	17.5	-
980143	9x2.5mm ²	20	-
980144	12x1.5mm²	18.5	-
980145	12x2.5mm²	22	-
980146	18x1.5mm²	21	-



Electrical Cables

PUR Cable (Polyurethane) flexible QWPK DRAKA

QWPK or H05BQ-F & H07BQ-F. Colour Yellow. Nominal Voltage H07BQ-F 450/750V. Conductor fine braided bare copper, class 5, IEC 60228.

Insulation: EPR, Etheen Propeen Rubber. Sheath PUR, Polyurethaan. Flame-retardant: IEC 60332-1, NEN-EN-50265. Maximum temperature conductor: +60°C (mobile use). Maximum temperature conductor: +80°C (fixed use). Maximum short circuit temperature +160°C (max. 5sec). Minimum installation temperature: -25°C (mobile use). Minimum installation temperature: -40°C (fixed use).



Article No.	Description	Outside Ø mm	Туре
9800009	2x1.0mm ²	7.2	H05BQ-F
9800010	2x1.5mm²	8.7	H07BQ-F
9800011	2x2.5mm ²	10.2	H07BQ-F
9800012	3x1.0mm²	7.6	H05BQ-F
9800013	3x1.5mm ²	9.2	H07BQ-F
9800014	3x2.5mm ²	10.8	H07BQ-F
9800015	3x4.0mm ²	12.7	H07BQ-F
9800016	4x1.0mm ²	8.2	H05BQ-F
9800017	4x1.5mm²	10.2	H07BQ-F

Article No.	Description	Outside Ø mm	Туре
9800018	4x2.5mm²	12.1	H07BQ-F
9800019	4x4.0mm²	14	H07BQ-F
9800020	4x6.0mm ²	15.9	H07BQ-F
9800021	5x1.0mm ²	9.1	H05BQ-F
9800022	5x1.5mm²	11.1	H07BQ-F
9800023	5x2.5mm ²	13.4	H07BQ-F
9800024	5x4.0mm ²	15.6	H07BQ-F
9800025	5x6.0mm ²	17.4	H07BQ-F



PUR Cable (Polyurethane) flexible QWPK HELKAMA BICA

Article No.	Description	Outside Ø mm	Туре
98HM47010250	2x0.75mm²	6.7	H05BQ-F
98HM47010206	2x1.0mm²	7.2	H05BQ-F
98HM47010208	2x2.5mm²	9.2	H07BQ-F
98HM47010305	3x0.75mm ²	7.3	H05BQ-F
98HM47010306	3x1.0mm ²	7.7	H05BQ-F
98HM47010307	3x1.5mm ²	9.3	H07BQ-F
98HM47010308	3x2.5mm ²	11.1	H07BQ-F
98HM47010309	3x4.0mm²	13.2	H07BQ-F
98HM47010405	4x0.75mm ²	7.8	H05BQ-F
98HM47010406	4x1.0mm ²	8.4	H05BQ-F

Article No.	Description	Outside Ø mm	Туре
98HM47010407	4x1.5mm²	10.3	H07BQ-F
98HM47010408	4x2.5mm²	12.2	H07BQ-F
98HM47010409	4x4.0mm ²	14.6	H07BQ-F
98HM47010410	4x6.0mm ²	16.2	H05BQ-F
98HM47010505	5x0.75mm²	8.7	H05BQ-F
98HM47010506	5x1.0mm ²	9.3	H05BQ-F
98HM47010507	5x1.5mm ²	11.2	H07BQ-F
98HM47010508	5x2.5mm ²	13.5	H07BQ-F
98HM47010509	5x4.0mm ²	16.2	H07BQ-F
98HM47010510	5x6.0mm ²	17.9	H07BQ-F



SWITCHBOARD Cable H05V2-K & H07V2-K

Rated voltage 300/750V. Conductor: Flexible electrolitic annaelled copper, class 5 according to IEC 60228 (1). Insulation: Is composed of a special compound based on PVC 105, the cord has a high flexibility. **Nominal voltage H05V2-K 300/500V and H07V2-K 450/750V.**

Application: The H05V2-K & H07V2-K wires are designed for internal wiring of electrical cabinets, switch boards and small electrical devices. Due to its manufacturing characteristics, it can be used in tubes or in flexible motor ducts, transformers and other machinery in general.

The H05V2-K & H07V2-K cables are **Lloyd's Register approved. Characteristics:** Flexible: The use of flexible copper conductors and the special PVC 105 compounds makes this wires highly flexible. Lloyd's Approval: Due to the Lloyd's Register approval both wires can be applied to the measurement- and controltechnology in shipbuilding. Min. Bending radius: 4 x diameter. Operating temperature: -5°C to +90°C (min/max). Size -0.5mm² / 1mm² H05V2-K. Size -1.5mm² / 35mm² H07V2-K. Size -50mm² / 120mm² KEMA-APPROVAL.

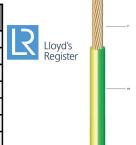
Both H05V2-K & H07V2-K cables can be ordered in different colours. Please specify colours by request or order

The 0,5mm² / 2,5mm² are avialable in the colours black, blue, brown, green/yellow, red, yellow, orange, white, green, purple and grey. The 4mm² / 6mm² are available in the colours black, blue, brown, green/yellow, yellow and green.

The 10mm² / 16mm² are available in the colours black, blue, brown and green/yellow. >25mm² is available in the colours black and green/yellow.

Article No.	Description	Outside Ø mm	Туре	IMPA
98HM45010104	1x0.5mm ²	2.1	H05V2-K	79 41 11
98HM45010105	1x0.75mm²	2.3	H05V2-K	79 41 12
98HM45010106	1x1.0mm²	2.5	H05V2-K	79 41 13
98HM45010107	1x1.5mm²	2.9	H07V2-K	79 41 14
98HM45010108	1x2.5mm²	3.6	H07V2-K	-
98HM45010109	1x4.0mm ²	4.2	H07V2-K	-
98HM45010110	1x6.0mm ²	4.8	H07V2-K	-

Article No.	Description	Outside Ø mm	Туре	IMPA
98HM45010112	1x16.0mm²	7.3	H07V2-K	-
98HM45010113	1x25.0mm ²	8.7	H07V2-K	-
98HM45010114	1x35.0mm ²	9.9	H07V2-K	-
98HM45010115	1x50.0mm ²	11.7	H07V2-K	-
98HM45010116	1x70.0mm²	13.4	H07V2-K	-
98HM45010117	1x95.0mm ²	15.4	H07V2-K	-
98HM45010118	1x12.0mm ²	17.1	H07V2-K	-



SWITCHBOARD Cable H05V-K & H07V-K

SWITCHBOARD Cable HUSV-K & HUVV-K
Rated voltage 300/750V. Conductor: Flexible electrolitic annaelled copper, class 5 according to IEC 60228 (1). Insulation: Polyvinyl chloride insulation,
Type TI 1 according to HD21. (2). Nominal voltage H05V-K 300/500V and H07V-K 450/750V.
The special compound used for the insulation gives extra sliding properties to this cable.
Application: The H05V-K & H07V-K wires are specially designed for installations that require a flexible cable due to the complex nature of their layout. The wire is especially suitable for domestic wiring. It may also be used for equipment wiring, distributors, cabinets and lighting. In addition, it is recommended for installation under false ceilings. Cables with cross section, up to 1 mm² are especially suited for signalling and monitor installations.

Characteristics:

Extra slide properties: The special construction of the H05V-K & H07V-K insulation assures optimum sliding even in the least favourable circumstances.

Fire Proof properties: The no flame propagation of the H05V-K & H07V-K contribute towards the overall safety of the installation.

Excellent flexibility: The use of flexible copper conductors as well as the construction of its insulation gives the H05V-K & H07V-K wire an exceptional flexibility.

Article No.	Description	Outside Ø mm	Туре	IMPA
98HM44010104	1x0.5mm ²	2.2	H05V2-K	79 41 11
98HM44010105	1x0.75mm²	2.3	H05V2-K	79 41 12
98HM44010106	1x1.0mm ²	2.5	H05V2-K	79 41 13



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https://www.repairmanagement.nl/products/electrical-components-and-lamps/

Electrical Cables

SWITCHBOARD Cable H05V-K & H07V-K

Rated voltage 300/750V. Conductor: Flexible electrolitic annaelled copper, class 5 according to IEC 60228 (1). Insulation: Polyvinyl chloride insulation, Type TI 1 according to HD21. (2). **Nominal voltage H05V-K 300/500V and H07V-K 450/750V**. The special compound used for the insulation gives extra sliding properties to this cable. **Application:** The H05V-K & H07V-K wires are specially designed for installations that require a flexible cable due to the complex nature of their layout. The wire is especially suitable for domestic wiring. It may also be used for equipment wiring, distributors, cabinets and lighting. In addition, it is recommended for installation under false ceilings. Cables with cross section, up to 1 mm2 are especially suited for signalling and monitor installations.

Characteristics:

Extra slide properties: The special construction of the H05V-K & H07V-K insulation assures optimum sliding even in the least favourable

Fire Proof properties: The no flame propagation of the H05V-K & H07V-K contribute towards the overall safety of the installation. Excellent flexibility: The use of flexible copper conductors as well as the construction of its insulation gives the H05V-K & H07V-K wire an exceptional flexibility.

Article No.	Description	Outside Ø mm	Туре	IMPA
98HM44010107	1x1.5mm ²	2.9	H07V-K	79 41 14
98HM44010108	1x2.5mm ²	3.6	H07V-K	-
98HM44010109	1x4.0mm ²	4.1	H07V-K	-
98HM44010110	1x6.0mm ²	4.6	H07V-K	-
98HM44010111	1x10.0mm²	6	H07V-K	-
98HM44010112	1x16.0mm ²	7	H07V-K	-

Article No.	Description	Outside Ø mm	Туре	IMPA
98HM44010113	1x25.0mm²	8.7	H07V-K	-
98HM44010115	1x50.0mm ²	11.8	H07V-K	-
98HM44010116	1x70.0mm²	13.5	H07V-K	-
98HM44010117	1x95.0mm ²	15.6	H07V-K	-
98HM44010118	1x12.0mm²	17.3	H07V-K	-



SWITCHBOARD Cable LKEM-HF

SWITCHBOARD Cable LKEM-HF
Rated voltage AC 0,6/1kV. DC 0,9/1,5kV (if voltage to earth does not exceed 0,9kV). Maximum conductor temperature +90°C. Flame-retardant IEC 60332-1-2 test for single insulated wire and cable. Halogen-free IEC 60754 series. Smoke emission IEC 61034 series. Minimum recommended installation temperature -15°C. Lowest operation temperature -40°C. Insulation XLPE plastic IEC 60092-351 (2). Conductor, stranded flexible copper IEC 60228 klasse 5 (1).

Approval DNV-GL, Lloyds, ABS, LR, NK, RMRS, RINA, KR, BV. Application: For fixed wiring in switchboards, control panels and other enclosures.
Packed in 200 meter box 1x0.5 up to 1x2.5mm², also available as a 500 meter drum(except 1x0,5mm²). Packed per 100 meter box 1x4 up to 1x10mm².
Larger dimensions can be ordered per meter. The sizes 0,5mm², 0,75mm², 1,5mm² and 2,5mm² are available in boxes of 200 meter in the colours blue, dark-blue, black, brown, red, yellow, green, green/yellow, grey, orange, violet and white. The size 4mm² is available 100 meter packs in the colours blue, dark-blue, green/yellow, black, brown, red and white. The size 6mm² is available in 100 meter packs in the colours blue, dark-blue, brown, green/yellow, red and black. The size 10mm² is available 100 meter packs in the colours blue, green/yellow, black and red. Sizes 16mm² up to 300mm² are available in black.

Specify with each request or order the required colour.

Article No.	Description	Outside Ø mm	Current Amp	IMPA
98HM10900104	1x0.5mm ²	2.3	14	79 41 11
98HM10900105	1x0.75mm ²	2.7	14	79 41 12
98HM10900106	1x1.0mm ²	2.8	17	79 41 13
98HM10900107	1x1.5mm²	3.1	22	79 41 14
98HM10900108	1x2.5mm²	3.6	30	1
98HM10900109	1x4.0mm ²	4.1	39	1
98HM10900110	1x6.0mm ²	4.7	50	-
98HM10900111	1x10.0mm ²	5.7	71	-
98HM10900112	1x16.0mm ²	6.7	94	-
98HM10900113	1x25.0mm ²	8.6	123	-

Article No.	Description	Outside Ø mm	Current Amp	IMPA
98HM10900114	1x35.0mm ²	9.7	153	-
98HM10900115	1x50.0mm ²	11.9	196	1
98HM10900116	1x70.0mm ²	13.7	240	-
98HM10900117	1x95.0mm ²	16.2	284	-
98HM10900118	1x120mm²	18.2	331	-
98HM10900119	1x150mm²	20.8	381	-
98HM10900120	1x185mm²	23.3	429	-
98HM10900121	1x240mm²	26.8	507	-
98HM10900122	1x300mm²	28.9	582	-



INSTALLATION Cable H05V-U & H07V-U

INSTALLATION Cable H05V-U & H07V-U
Construction: Rated voltage 300/750V. Conductor: Solid copper. Insultation: PVC.
Technical Data: Rated voltage uo/U: H05 V-U 300/500V, H07 V-U 450/750V. Test voltage H05 V-U 2000V, H07 V-U 2500V.
Temperature range: From +5°C to +70°C. Current carrying capacity: Acc. To DIN VDE 0298-300. Conductor resistance: Acc. To EN 60228.
Both H05 V-U & H07 V-U cables can be ordered in different colours. Please specify colours by request or order.
The 0,5mm² / 1,0mm² are available in the colours black, brown, lightblue, green/yellow, red, yellow, orange, white, grey, green and purple.
The 1,5mm² / 5mm² are available in the colours black, brown, lightblue, green/yellow, red, grey, yellow, white and green.
The 10mm² / 35mm² are available in the colours black, lightblue, brown and green/yellow.

The 10mm² / 120mm² are available in the colours black and green/yellow.

The 150mm² / 185mm² are available in the colour black. * = From 10mm² and above with stranded conductor. The 150mm² / 185mm² are available in the colour black.

Article No.	Description	Outside Ø mm	Туре	IMPA
98HM46010104	1x0.5mm ²	2	H05V-U	-
98HM46010105	1x0.75mm²	2.2	H05V-U	-
98HM46010106	1x1.0mm ²	2.3	H05V-U	-
98HM46010107	1x1.5mm²	2.8	H07V-U	-
98HM46010108	1x2.5mm ²	3.4	H07V-U	1
98HM46010109	1x4.0mm ²	3.8	H07V-U	-
98HM46010110	1x6.0mm ²	4.3	H07V-U	-
98HM46010111	1x10.0mm ²	5.5	H07V-U	-
98HM46010112	1x16.0mm ²	7.1	H07V-U	-

Article No.	Description	Outside Ø mm	Туре	IMPA
98HM46010113	1x25.0mm ²	8.8	H05V-U	-
98HM46010114	1x35.0mm²	10	H05V-U	-
98HM46010115	1x50.0mm²	11.6	H05V-U	-
98HM46010116	1x70.0mm²	13.5	H07V-U	-
98HM46010117	1x95.0mm ²	15.7	H07V-U	-
98HM46010118	1x120mm²	17.3	H07V-U	-
98HM46010119	1x150mm²	19.3	H07V-U	-
98HM46010120	1x185mm²	21.5	H07V-U	-

