

H05RR-F & H07RN-F



These tough rubber sheathed cables conform to the CENELEC Common European regulations and are ideal for use in both outdoor and wet conditions. The H05RR-F types are ideal for lightweight hand and workshop tools whilst the other groups are suitable for increasingly higher levels of stress and heavy duty equipment.

SPECIFICATION

H05RR-F: Cores of fine wire strands of electrolytic copper wire with rubber core insulation, outer sheath in synthetic rubber. Coloured cores to HAR colour code. **H07RN-F:** Cores of fine strands of electrolytic copper wire with rubber core insulation, cores twisted together with neoprene rubber outer sheath. Coloured cores to HAR colour code.

TECHNICAL DATA

Minimum bending radius for flexing: 15x Cable Diameter

Temperature Range: -25°C to +60°C

Working Voltage: 300/500V: H05RR-F
450/750V: H05RR-F

Conductor Stranding: Fine wire to IEC 60228 Class 5, VDE 0295 Class 5

Colour Code: Coloured to VDE 0293

In accordance with VDE Regulations: VDE tested: VDE 0282 Part 4 / HD 22.4 S4

H05RR-F

No. of cores & mm ² per conductor	Part No.	No. of cores & mm ² per conductor	Part No.	No. of cores & mm ² per conductor	Part No.
2 X 0.75	1600203	3 G 1.0	1600208	4 G 2.5	16002123
2 X 1.0	1600204	3 G 1.5	1600200		
2 X 1.5	1600205	3 G 2.5	1600209	5 G 1.5	16002023
2 X 2.5	1600206			5 G 2.5	16002133
		4 G 1.0	16002113		
3 G 0.75	1600207	4 G 1.5	16002013		

H07RN-F

No. of cores & mm ² per conductor	Part No.	No. of cores & mm ² per conductor	Part No.	No. of cores & mm ² per conductor	Part No.
2 X 1.5	1600199	4 G 2.5	16001053	5 G 2.5	16001293
2 X 2.5	1600187	4 G 4.0	16001063	5 G 4.0	16001303
2 X 4.0	1600186	4 G 6.0	16001073	5 G 6.0	16001313
3 G 1.0	1600117	4 G 10.0	16001083	5 G 10.0	16001093
3 G 1.5	1600103	4 G 16.0	16001103	5 G 16.0	16001113
3 G 2.5	1600118	4 G 25.0	16001123	5 G 25.0	16001133
3 G 4.0	1600119	4 G 35.0	16001143	5 G 35.0	16001363
3 G 6.0	1600120	4 G 50.0	16001153	7 G 1.5	1600151
3 G 10.0	1600121	4 G 70.0	16001163	7 G 2.5	1600152
3 G 16.0	1600122	4 G 95.0	16001283	12 G 2.5	1600154
4 G 1.5	16001233	5 G 1.5	16001043	19 G 2.5	1600156
				24 G 2.5	1600157

H07RN-F

Short circuit proof and short circuit resistant cables: In VDE 0100 Part 520 SECTION 10.2 arrangements, made up of single core rubber-sheathed cables H07RN-F, are recognised as short circuit and earth fault proof.

No. of cores & mm ² per conductor	Part No.	No. of cores & mm ² per conductor	Part No.	No. of cores & mm ² per conductor	Part No.
1 X 1.5	1600096	1 X 16.0	1600195	1 X 95.0	1600190
1 X 2.5	1600099	1 X 25.5	1600196	1 X 120.0	1600198
1 X 4.0	1600097	1 X 35.0	1600193	1 X 150.0	1600191
1 X 6.0	1600098	1 X 50.0	1600197	1 X 185.0	1600175
1 X 10.0	1600194	1 X 70.0	1600189	1 X 240.0	1600177

G = With Protective Conductor X = Without Protective Conductor