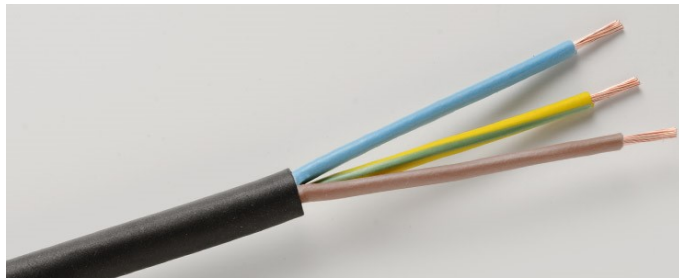


H05RR-F Technical Data Sheet



◀ HAR ▶

Rated voltage	Max. operating temperature	Min. temperature of installation	Max. stocking temperature	Max. temperature of short circuit	Min. internal bending radius	Max. mechanical stress
300/500V	90°C	-25°C	40°C	200°C	6xOD	5n/mm

<u>Conductors:</u>	Class 5 flexible annealed copper to EN 60228, IEC 60228
<u>Insulation:</u>	Ethylene-propylene rubber compound EI4 type
<u>Sheath:</u>	Elastomeric reticulated Ethylene-propylene rubber compound or other equivalent synthetic elastomer EM3 type, Black
<u>Cores:</u>	2 Core: Brown, Blue 3 Core: Brown, Blue, Green/Yellow 4 Core; Brown, Grey, Black, Green/Yellow
<u>Standards:</u>	EN 50525-2-21 ROHS 2011/65/UE - EN50575:2014 + A1 EN 50525-2-51
<u>Application:</u>	Use in domestic premises, kitchens and offices. Suitable for ordinary duty applications and connecting equipment where cables are subject to low mechanical stresses. For example vacuum cleaners, cooking equipment, welding irons, toasters, portable household tools and portable inspection lamps. Temporary short-term outdoors use allowed.

H05RR-F Technical Data Sheet

Size (mm)	Max overall diameter (mm)	Conductor		Insulation thickness (mm)	Sheath thickness (mm)	Weight (kg/km)
		Max overall diameter of wires (mm)	Max resistance redcu (ohm/km)			
2 x 0.75	7.4	0.21	26	0.60	0.80	53
2 x 1	8	0.21	19.5	0.60	0.90	64
2 x 1.5	9.8	0.26	13.3	0.80	1.0	99
2 x 2.5	11.5	0.26	7.98	0.90	1.10	136
2 x 4	13.7	0.31	4.95	1.00	1.20	196
3 x 0.75	8.1	0.21	26	0.60	0.90	66
3 x 1	8.5	0.21	19.5	0.60	0.90	76
3 x 1.5	10.4	0.26	13.3	0.80	1.0	116
3 x 2.5	12.4	0.26	7.98	0.90	1.10	166
3 x 4	14.5	0.31	4.95	1.00	1.20	242
3 x 6	16.3	0.31	3.3	1.00	1.40	319
4 x 0.75	8.8	0.21	26	0.60	0.90	80
4 x 1	9.3	0.21	19.5	0.60	0.90	96
4 x 1.5	11.6	0.26	13.3	0.80	1.10	151
4 x 2.5	13.8	0.26	7.98	0.90	1.20	220
4 x 4	16.2	0.31	4.95	1.00	1.30	306
4 x 6	18.1	0.31	3.3	1.00	1.50	413
5 x 0.75	9.9	0.21	26	0.60	1.00	102
5 x 1	10.3	0.21	19.5	0.60	1.00	124
5 x 1.5	12.7	0.26	13.3	0.80	1.10	180
5 x 2.5	15.3	0.26	7.98	0.90	1.30	274
5 x 4	18.6	0.31	4.95	1.00	1.40	381