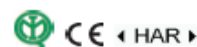
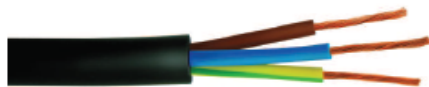


H05RR-F Technical Data Sheet



Rated Voltage	Temperature Range	Max. Temperature of Short Circuit	Min. Internal Bending Radius	Max. Mechanical Stress
300/500V	-25°C - +60°C	200°C	6 x OD	5 Kg/mm

Conductors:	Class 5 flexible bare copper to EN60228, IEC 60228
Insulation:	EPR (Ethylene-Propylene rubber) type EI4
Sheath:	EPR (Ethylene-Propylene rubber) or other synthetic elastomer type EM3
Cores:	2Core: Brown, Blue 3Core: Brown, Blue, Green/Yellow 4Core: Brown, Grey, Black, Green/Yellow
Standards:	CEI 20-19/4, (HD 22.4– EN 50525-2-21), RoHS 2011/65/UE
Application:	This cable is suitable in domestic premises, kitchens, offices, portable light appliances and light mechanical stresses. This is unsuitable for permanent outdoor use in industrial buildings for non domestic portable tools and for underground laying.

Size (mm)	Mean Overall Diameter (mm ± 0.2)	Indicative Weight of Cable (g/m)	Max. Electrical Resistance (ohm/km at 20°C)	Insulation Thickness (mm) (Max. To Min.)	Sheath Thickness (mm) (Max. To Min.)	Current Ratings (A) (With Ambient temp. Lower Than 30°C)			
						FM	FI	PL	EL
2x0.75	6.2	53	26	0.600 - 0.44	0.80 - 0.58	6	7	7	NP
3x0.75	6.7	66	26	0.600 - 0.44	0.90 - 0.66	6	7	7	NP
4x0.75	7.3	81	26	0.600 - 0.44	0.90 - 0.66	6	7	7	NP
2x1.0	6.7	64	19.5	0.600 - 0.44	0.90 - 0.66	10	11	11	NP
3x1.0	7	76	19.5	0.600 - 0.44	0.90 - 0.66	10	11	11	NP
4x1.0	7.8	96	19.5	0.600 - 0.44	0.90 - 0.66	10	11	11	NP
2x1.5	8.4	99	13.3	0.800 - 0.62	1.00 - 0.75	16	19.5	19.5	NP
3x1.5	8.7	116	13.3	0.800 - 0.62	1.00 - 0.75	16	17.5	19.5	NP
4x1.5	9.9	151	13.3	0.800 - 0.62	1.10 - 0.84	16	17.5	19.5	NP
2x2.5	9.6	136	7.98	0.900 - 0.71	1.10 - 0.84	20	25	25	NP
3x2.5	10.2	167	7.98	0.900 - 0.71	1.10 - 0.84	20	24	24	NP