

H05 RR-F

Flexible rubber cable

RoHS

CROSS SECTION



Acc. to DIN EN 50525-2-21
(VDE 0285-525-2-21):2012-01

APPLICATION

For connecting electrical appliances subject to low to medium mechanical loads in households, kitchens and offices. For light hand-held devices (e.g. vacuum cleaners, irons, kitchen appliances, toasters, soldering irons etc.) but not for permanent outdoor use.

SPECIAL FEATURES

Sheath colour
Black

STRUCTURE

Conductor	Copper conductor, bare, flexible (class 5) pursuant to DIN VDE 0282 part 4
Cores	Insulation made from rubber compound EI4, colour acc. to VDE 0293
Outer sheath	Rubber compound EM3 according to VDE 0207 part 21

TECHNICAL DATA

Nominal voltage	300 V/500 V
Test voltage	2000 V
Operating temperature	-25°C to +60°C
Max. operating temperature	+60°C
Min. installation temperature	-25°C
Max. installation temperature	+60°C
Min. bending radius:	6 x cable diameter

TESTS ACCORDING TO DIN VDE 0472 AND IEC:

Flammability	Test method B according to VDE 0472 part 804 and IEC 332-1
Sheath oil resistance	Test method A according to VDE 0472 part 803
Ozone resistance	Test method A according to VDE 0472 part 805 and test method C according to VDE 0472 part 805 A1

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
H05 RR-F 2x0.75	14.4	5.7 - 7.4	55	1031003
H05 RR-F 2x1	19.0	6.1 - 8.0	65	1031006
H05 RR-F 2x1.5	29.0	7.6 - 9.8	90	1031009
H05 RR-F 2x2.5	48.0	9.0 - 11.6	135	1031012
H05 RR-F 3G0.75	21.6	6.2 - 8.1	73	1031015
H05 RR-F 3G1	29.0	6.5 - 8.5	83	1031018
H05 RR-F 3G1.5	43.0	8.0 - 10.4	110	1031021
H05 RR-F 3G2.5	72.0	9.6 - 12.4	167	1031024
H05 RR-F 4G0.75	29.0	6.8 - 8.8	79	1031027
H05 RR-F 4G1	38.0	7.1 - 9.3	100	1031030
H05 RR-F 4G1.5	58.0	9.0 - 11.6	135	1031033
H05 RR-F 4G2.5	96.0	10.7 - 13.8	199	1031036
H05 RR-F 5G1.5	72.0	9.1 - 12.7	168	1031039
H05 RR-F 5G2.5	120.0	11.0 - 15.3	244	1031042