

H05RR-F

Rubber cable for light mechanical stress and hand-held devices used in households, kitchens, offices

H05RR-F, HAR-certified, power and control cable for household and hand-held devices, rubber, braided conductor class 5/flexible, indoor use, flame-retardant

Info

Light mechanical stress



Cold-resistant

Benefits

Type-compliant versions <HAR> certified with the "<HAR>" testing and certification mark for accelerated granting of approvals if final application of cable is within the European CENELEC area

Application range

Hand-held and power supply devices according to EN 50565-2

For lightweight workshop tools that are subject to light loads

According to EN 50565-2: Dry and damp rooms; only temporary use outdoors; not for industrial/commercial or agricultural facilities, except tailors' workshops; not suitable for connection to industrial power tools

Event equipment

Product features

Ozone-resistant

Norm references / approvals

<HAR> type certification according to EN 50525-2-21

H05RR-F

Design

Bare copper stranded wire according to HAR standard

Core insulation: Rubber compound, type EI 4

Outer sheath: Rubber compound type EM 3

Technical Data

Classification:	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Core identification code:	Coloured according to HD 308/VDE 0293-308
Conductor design:	Fine wire according to VDE 0295 class 5 / IEC 60228 class 5
Minimum bending radius:	4 to 8 x outer diameter (EN 50565-1)
Nominal voltage:	U ₀ /U: 300/500 V
Test voltage:	2000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Current load capacity:	According to IEC 60364-5-52/ VDE 0298-4 EN 50565-1/ VDE 0298-565-1
Temperature range:	Flexible use: -25°C to +60°C

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1600203	2 X 0.75	5.7 - 7.4	14.4	61
1600207	3 G 0.75	6.2 - 8.1	21.6	75
1600204	2 X 1	6.1 - 8	19.2	73
1600208	3 G 1	6.5 - 8.5	28.8	86
16002113	4 G 1	7.1 - 9.3	38.4	105
1600205	2 X 1.5	7.6 - 9.8	28.8	115
1600200	3 G 1.5	8 - 10.4	43.2	135
16002013	4 G 1.5	9 - 11.6	57.6	165
16002023	5 G 1.5	9.8 - 12.7	72	190
1600206	2 X 2.5	9 - 11.6	48	160
1600209	3 G 2.5	9.6 - 12.4	72	190
16002123	4 G 2.5	10.7 - 13.8	96	235
16002133	5 G 2.5	11.9 - 15.3	120	285

H05RR-F