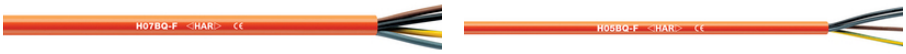
H05BQ-F / H07BQ-F

Power cord with PUR outer sheath and European harmonisation (HAR)

PUR power cable, harmonized according H05BQ-F / H07BQ-F type for oil and abrasion resistant use witgh handheld equipment or building machines

Info

High mechanical strength
Good oil resistance
H05BQ-F/H07BQ-F design standard



Suitable for outdoor use

Cold-resistant

Mechanical resistance

Oil-resistant

Benefits

Harmonised use in Europe
Increased durability under harsh conditions thanks to robust PUR outer sheath
Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media
Wide temperature range for applications in harsh climatic environments
The signal colour of the outer sheath increases safety and visual perception

Application range

Portable handheld electrical devices such as drills, sanders, jig saws or grinders
Building sites, camp sites, stage applications
Construction machinery
Agricultural equipment

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H05BQ-F / H07BQ-F

For indoor and outdoor use

Product features

Oil-resistant
Abrasion and notch-resistant
Flexible down to -40 °C
Resistant to hydrolysis and microbes

Norm references / Approvals

EN 50525-2-21
H05BQ-F/H07BQ-F design standard

Product Make-up

Fine-wire, bare copper conductor
Core insulation: rubber compound
Cores twisted together
PUR outer sheath
Sheath colour: orange

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC001578 ETIM 6.0 Class-Description: Flexible cable
Core identification code:	Colours according to VDE 0293-308, refer to Appendix T9
Conductor stranding:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Minimum bending radius:	For flexible use: 12.5 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	Up to 1.0 mm^2: U0/U: 300/500 V From 1.5 mm^2: U0/U: 450/750 V
Test voltage:	3000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Occasional flexing: -40 °C to +90 °C Fixed installation: -50 °C to +90 °C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
* Trade product, no Lapp product
Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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H05BQ-F / H07BQ-F

PRODUCT INFORMATION

Article number	Number of cores and mm² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
H05BQ-F U0/U: 300/500 V				
0013600	2 X 0.75	5.7 - 7.4	14.4	50
0013601	3 G 0.75	6.2 - 8.1	21.6	64
00136023	4 G 0.75	6.8 - 8.8	28.8	78
00136033	5 G 0.75	7.6 - 9.9	36	98
0013610	2 X 1.0	6.1 - 8	19.2	60
0013611	3 G 1.0	6.5 - 8.5	29	74
00136123	4 G 1.0	7.1 - 9.3	38.4	92
00136133	5 G 1.0	8 - 10.3	48	114
H07BQ-F U0/U: 450/750 V				
0013620	2 X 1.5	7.6 - 9.8	29	87
0013621	3 G 1.5	8 - 10.4	43	108
00136223	4 G 1.5	9 - 11.6	58	137
00136233	5 G 1.5	9.8 - 12.7	72	165
0013630	2 X 2.5	9 - 11.6	48	90
0013631	3 G 2.5	9.6 - 12.4	72	161
00136323	4 G 2.5	10.7 - 13.8	96	206
00136333	5 G 2.5	11.9 - 16.3	120	254

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