

PRODUCT INFORMATION

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



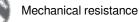




Suitable for outdoor use



Cold-resistant





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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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 Fine wire according to VDE 0295, Conductor stranding: class 5/IEC 60228 class 5 For flexible use: Minimum bending radius: 12.5 x outer diameter Fixed installation: 4 x outer diameter Up to 1.0 mm²: U0/U: 300/500 V Nominal voltage: From 1.5 mm²: U0/U: 450/750 V 3000 V Test voltage: 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 \leq 30 kg or \leq 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

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Article number	Number of cores and mm ² 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