

SPIRAL H07BQ-F BLACK

Black, robust PUR spiral cable with high recoiling forces

SPIRAL H07BQ-F BLACK - PUR spiral cable, robust and with high recoiling forces. Colour-coded connection cable for use in machine and apparatus construction

Info

Heavy construction type

PUR outer sheath with high recoiling forces

Voltage class 450/750 V



Oil-resistant



Good chemical resistance



Cold-resistant

Benefits

Good cost-benefit ratio

Durable under harsh conditions thanks to robust PUR sheath material

Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media

Wide application range

Application range

Construction of machines and appliances with flexible power supplies as well as at shipyards

Construction of machinery and powered doors

Measurement, control and regulation technology

Any commercial/industrial/agricultural facility: Connection of tools, appliances and mobile motors

For indoor and outdoor use

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Product features

Black, robust PUR outer sheath
High tensile strength and abrasion resistance
High recoiling forces
High resistance to oil, low temperatures, microbes and hydrolysis

Norm references / approvals

Based on EN 50525-2-21 H07BQ-F

As a result of spiralling, the properties of the <HAR>-certified H07BQ-F cable are modified in such a way that certain technical requirements from the H07BQ-F standards are no longer observed after spiralling. The <HAR>-H07BQ-F design certification for the standard cable, which is printed on the spiral cable, in conjunction with the spiralled piece goods shape of "SPIRAL H07BQ-F BLACK", is therefore no longer valid. This aspect is a logical consequence of the spiralling finishing process.

Design

Tin-plated stranded copper wire of braided conductor class 5 according to IEC 60228/VDE 0295

Core insulation: EI6 rubber according to EN 50525-1 & EN 50363-1/VDE 0207-363-1; coloured according to HD 308/VDE 0293-308; VDE and HAR marking of the unspiralled H07BQ-F (supplied by the metre) as the basic material for the spiralling

Use of talcum

Black, PUR outer sheath made of TMPU according to EN 50525-2-21; marking "H07BQ-F ..."

For the 4 standard solid lengths available, please see the article table below

Radial outflow shape at cable ends - end lengths: 200 mm on one side / 600 mm on the other side

Versions with other block lengths, end lengths and end forms available on request

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000247 ETIM 5.0 Class-Description: Helical cable
Core identification code:	Coloured according to VDE 0293-308 (HD 308)
Conductor design:	Fine wire according to VDE 0295, class 5 / IEC 60228, class 5 tin-plated wires
Minimum bending radius:	Flexible use: 12.5 x outer diameter
Nominal voltage:	U ₀ /U: 450/750 V
Test voltage:	3000 V
Protective conductor:	G = with GN-YE protective conductor
Temperature range:	-25°C to +50°C (spiralled)

Note

Unless otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"

Photographs 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.

Each item is packed separately in a plastic bag.

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Article number	Number of cores and mm ² per conductor	Spiral length, extended max. (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
70002750	3 G 1.5	1500	500	9	31
70002751	3 G 1.5	3000	1000	9	31
70002752	3 G 1.5	4500	1500	9	31
70002753	3 G 1.5	6000	2000	9	31
70002754	4 G 1.5	1500	500	10	38
70002755	4 G 1.5	3000	1000	10	38
70002756	4 G 1.5	4500	1500	10	38
70002757	4 G 1.5	6000	2000	10	38
70002758	5 G 1.5	1500	500	11	40
70002759	5 G 1.5	3000	1000	11	40
70002760	5 G 1.5	4500	1500	11	40
70002761	5 G 1.5	6000	2000	11	40

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.
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