

## 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. Color-coded power cable for use in machines and as flexible power connection

### Info

Heavy construction type

Outer sheath: PUR, with high recoiling forces

Voltage rating 450/750 V



Good chemical resistance



Cold-resistant



Oil-resistant

### Benefits

Good cost-benefit ratio

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 application range

### Application range

Construction of engines and appliances with flexible power connections as well as at dockyards

Construction of machinery and powered doors

Measurement and control technology

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

For indoor and outdoor use

## SPIRAL H07BQ-F BLACK

### Product features

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

### Norm references / Approvals

Based on EN 50525-2-21 H07BQ-F

The spiralling modifies the properties of the <HAR> certified H07BQ-F cable (sold by the metre) that certain technical requirements stipulated by the H07BQ-F standards are no longer complied with following spiralling. As a result, the <HAR> H07BQ-F design certification of the H07BQ-F cable, also identifiable on the spiral cable, is no longer valid in conjunction with the spiralled piece good design of the "SPIRAL H07BQ-F BLACK". This is a completely logical consequence of the spiralling processing steps.

### Product Make-up

Tinned 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 (sold by the metre) as the basic material for the spiralling

Use of talcum

Black, outer PUR sheath made of TPU 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 - length of ends: 200 mm at the first end/600 mm at the other end

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

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000247 ETIM 5.0 Class-Description: Spiralized cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000247 ETIM 6.0 Class-Description: Spiralized cable
Core identification code:	Coloured according to VDE 0293-308 (HD 308)
Conductor stranding:	Fine wire according to IEC 60228/VDE 0295, class 5 tinned strands
Minimum bending radius:	Flexible use: 12.5 x outer diameter
Nominal voltage:	U0/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 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.

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.

Each item is packed separately in a plastic bag

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Article number	Number of cores and mm <sup>2</sup> per conductor	Spiral length, extended (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