

SPIRAL H07BQ-F BLACK

Retractable power supply cable with PUR jacket



SPIRAL H07BQ-F BLACK is a multi-conductor, rubber-insulated, retractable flexible power supply cable with a rugged black polyurethane jacket. It may be used in damp and wet environments, but not submerged.

Recommended applications

Power supply for machine tools, hand tools, cranes, and hoists

Approvals



Cable attributes		page 648	
OIL	OR-05	FLAME	FR-02
MOTION	FL-02	MECH.	MP-05

Construction

Conductors: finely stranded tinned copper

Insulation: synthetic rubber; dry lubricant

Jacket: specially formulated polyurethane; black

Application advantage

- Resistant to oils, greases, and chemicals
- Weather resistant
- Resistant to mechanical stress
- Special spiral designs are available, see page 151

Complete the installation



SKINTOP® strain relief
page 492



EPIC® connectors
page 284

Technical data

Length & type of tails:	8 in (200 mm), tangetial 24 in (600 mm), tangential	Conductor stranding:	Class 5 fine wire
Minimum bend radius:	12.5 x cable diameter	Color code:	VDE 0293-308: chart 6, page 681
Temperature range:	-25°C to +50°C	Approvals:	CE & RoHS <HAR> H07BQ-F (unspiralled cable only)* based on VDE 0282-10
Nominal voltage:	450/750V	* <HAR> standards are not met due to the spiralling process. This is a natural and expected occurrence.	
Test voltage:	3000V		

Part number	Number of conductors incl. ground	Nominal outer diameter		Nominal spiral outer diameter		Extended spiral length		Retracted spiral length		Copper weight lbs/100 pcs.	Approx. weight lbs/100 pcs.	SKINTOP® SL PG thread
		in	mm	in	mm	in	mm	in	mm			
16 AWG (1.5 mm²)												
70002750	3	0.355	9.0	1.220	31	59	1500	20	500	46	128	S2111
70002751	3	0.355	9.0	1.220	31	118	3000	39	1000	82	231	S2111
70002752	3	0.355	9.0	1.220	31	177	4500	59	1500	119	266	S2111
70002753	3	0.355	9.0	1.220	31	236	6000	79	2000	155	435	S2111
70002754	4	0.394	10.0	1.496	38	59	1500	20	500	68	182	S2113
70002755	4	0.394	10.0	1.496	38	118	3000	39	1000	121	265	S2113
70002756	4	0.394	10.0	1.496	38	177	4500	59	1500	174	466	S2113
70002757	4	0.394	10.0	1.496	38	236	6000	79	2000	228	485	S2113
70002758	5	0.433	11.0	1.575	40	59	1500	20	500	81	167	S2113
70002759	5	0.433	11.0	1.575	40	118	3000	39	1000	145	309	S2113
70002760	5	0.433	11.0	1.575	40	177	4500	59	1500	207	411	S2113
70002761	5	0.433	11.0	1.575	40	236	6000	79	2000	272	722	S2113

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available; please see our SKINTOP® section. If not otherwise specified, all values relating to the product are nominal values. Photographs are not to scale and are not true representations of the products in question.