

ÖLFLEX® POWER IX

Heavy Duty, Neoprene Cordage with <HAR> and SOOW Approvals for Global Use

LAPP KABEL STUTTGART ÖLFLEX® POWER IX

ÖLFLEX® POWER IX is a neoprene cordage with UL/CSA SOOW and <HAR> H07RN-F approval. It has an international color code and a jacket which is resistant to oil, chemicals, and abrasion. ÖLFLEX® POWER IX can be used in European, American, Asian, and Canadian cordage applications; one cable does the work of four.

Recommended Applications

Power cordage for domestic and exported machinery; portable tools; data processing; control systems; commercial appliances

Approvals



Construction

Conductors: Finely stranded bare copper

Insulation: Rubber

Jacket: Neoprene

Application Advantage

- International approvals: UL, CSA, HAR, CE
- One cable does the job of four, reducing inventory
- One specification for easy and safe installation
- Oil-, chemical-, and abrasion-resistant jacket
- Ideal for high-stress applications in dry and damp environments
- UV-resistant, outdoor use

Cable Attributes, see page 659



OR-02

OIL



FR-01

FLAME



FL-02

MOTION



MP-02

MECHANICAL

Similar Cables

- ÖLFLEX® POWER QUAD II
- H07RN-F Cordage

Complete the Installation



SKINTOP®
Strain Relief:
page 502



EPIC®
Pin & Sleeve:
page 461

Technical Data

Minimum Bend Radius: 7.5 x cable diameter

Temperature Range:
- UL/CSA SOOW: -40°C to +90°C
- <HAR> H07RN-F: -25°C to +60°C

Nominal Voltage:
- UL/CSA: 600V
- <HAR> H07RN-F: 450/750V

Test Voltage: 2000V

Conductor Stranding: Class 5 fine wire

Color Code: VDE 0293-308: Chart 6, page 696

Approvals:
UL: SOOW per UL 62
Attributes: -40°C Cold Bend
Sunlight Resistant
Canada: CSA SOOW
Additional: <HAR> H07RN-F
CE & RoHS

Part Number	Number of Conductors (incl. ground)	Nominal Outer Diameter (inches) (mm)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® Non-Metallic PG Thread	Part Number	Number of Conductors (incl. ground)	Nominal Outer Diameter (inches) (mm)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® Non-Metallic PG Thread
18 AWG (1.00 mm²)						12 AWG (4 mm²)					
321803	3	0.380 9.7	17	84	S2113	321203	3	0.620 15.7	67	249	S2121
321804	4	0.410 10.4	23	96	S2113	321204	4	0.670 17.0	90	300	S2121
16 AWG (1.50 mm²)						321205	5	0.740 18.8	112	355	S2129
321603	3	0.400 10.2	25	99	S2113	10 AWG (6 mm²)					
321604	4	0.450 11.4	34	125	S2113	321003	3	0.670 17.0	90	304	S2121
321605	5	0.520 13.2	42	165	S2116	321004	4	0.720 18.3	135	366	S2129
14 AWG (2.50 mm²)						321005	5	0.790 20.1	157	442	S2129
321403	3	0.550 14.0	39	183	S2121	8 AWG (10 mm²)					
321404	4	0.590 15.0	57	216	S2121	320803	3	0.900 22.9	173	537	S2129
321405	5	0.670 17.0	71	277	S2121	320804	4	0.980 24.9	231	652	S2136

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