

OLFLEX® POWER IX

Heavy Duty, Neoprene Cordage with <HAR> & SOOW Approval for Import & Export



OLFLEX® POWER IX is a neoprene cordage with UL/CSA SOOW and <HAR> H07RN-F approval. It has an oil, chemical and abrasion resistant jacket and an international color code. OLFLEX® POWER IX can be used in European, American, Asian and Canadian cordage applications so one cable does the work of 4.

Recommended Applications:

Power cordage for domestic and exported machinery, Portable tools, Data processing, Control systems, and Commercial appliances

Application Advantage:

- International approvals so one cable does the job of 4 reducing inventory
- One product so one specification for easy and safe installation
- Oil, chemical and abrasion resistant neoprene jacket
- Ideal for high stress applications in dry and damp environments
- UV resistant, outdoor use

OLFLEX® POWER IX Construction:

Finely stranded bare copper conductors; rubber insulation; dry lubricant; neoprene jacket.



Larger sizes available upon request. Minimums may apply.

| Cable Attributes, See Page 653 | | Availability: | | Complete the installation with: | |
|--------------------------------|------------------------------|---|----------------------------------|---------------------------------|--------------------------|
| Oil Resistance: OR-02 | Flame Resistance: FR-02 | Standard put-ups are 100ft, 250ft, 500ft, and 1,000ft. Bulk reels can be cut to length. | SKINTOP® Strain Relief: Page 486 | EPIC® Connectors: Page 251 | OLFLEX® Tubing: Page 546 |
| Motion Type: FL-02 | Mechanical Properties: MP-02 | | | | |

Technical Data:

- | | | | |
|---------------------------------------|--|----------------------|---|
| Minimum Bend Radius for flexible use: | 10 x cable diameter | Color Code: | 3c- Blue, Brown, Green/Yellow 4c- Brown, Black, Gray, Green/Yellow 5c- Blue, Brown, Black, Gray, Green/Yellow |
| Temperature Range: | -40°C to +90°C -25°C to +60°C <HAR> | Conductor Stranding: | Fine Wire |
| Nominal Voltage: | 450/750V- <HAR> 600V- UL | Approvals: | UL: Listed SOOW, CSA: Certified SOOW Additional: <HAR> H07RN-F |
| Test Voltage: | 2500V | | |

| Part Number | Number of Conductors includes ground | Nominal Outer Diameter inches | mm | Copper Weight lbs/mft | Approx. Weight lbs/mft | kg/km | Part Number | Number of Conductors includes ground | Nominal Outer Diameter inches | mm | Copper Weight lbs/mft | Approx. Weight lbs/mft | kg/km |
|-------------------------|--------------------------------------|-------------------------------|------|-----------------------|------------------------|-------|----------------------|--------------------------------------|-------------------------------|------|-----------------------|------------------------|-------|
| 18 AWG (32/32) 1.00 mm² | | | | | | | 12 AWG (56/28) 4 mm² | | | | | | |
| 321803 | 3 | .380 | 9.6 | 19 | 88 | 130 | 321203 | 3 | .620 | 15.7 | 77 | 216 | 320 |
| 16 AWG (30/30) 1.50 mm² | | | | | | | 8 AWG (80/26) 10 mm² | | | | | | |
| 321603 | 3 | .400 | 10.2 | 29 | 111 | 165 | 321204 | 4 | .670 | 17.0 | 103 | 267 | 395 |
| 321604 | 4 | .450 | 11.4 | 39 | 135 | 200 | 321205 | 5 | .740 | 18.7 | 129 | 328 | 485 |
| 321605 | 5 | .520 | 13.1 | 48 | 162 | 240 | 10 AWG (84/28) 6 mm² | | | | | | |
| 14 AWG (50/30) 2.50 mm² | | | | | | | 321003 | 3 | .670 | 17.0 | 116 | 335 | 495 |
| 321403 | 3 | .550 | 14.0 | 48 | 159 | 235 | 321004 | 4 | .720 | 18.2 | 155 | 412 | 610 |
| 321404 | 4 | .590 | 15.1 | 65 | 196 | 290 | 321005 | 5 | .790 | 20.1 | 194 | 514 | 760 |
| 321405 | 5 | .670 | 16.9 | 81 | 230 | 347 | 8 AWG (80/26) 10 mm² | | | | | | |
| | | | | | | | 320803 | 3 | .900 | 22.9 | 194 | 595 | 880 |
| | | | | | | | 320804 | 4 | .980 | 25.0 | 258 | 712 | 1060 |