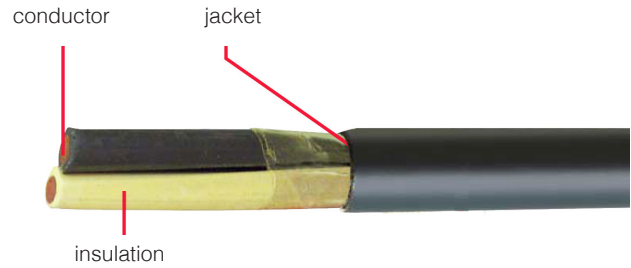


SPECIFICATION
HW264

**TWO CONDUCTOR
POWER CABLE**

**0.6/1kV Unarmored 110°C
Gexol® Insulation
Made in the USA**



| Catalog Number | Size AWG | mm2 | Nominal Diameter (inches) | Weight (lbs/Mft.) | DC Resistance at 25° C (Volts/Amp/k ft.) | AC Resistance at 110°C (Ohms/k ft.) | Inductive Reactance (Ohms/1000 ft.) | Voltage Drop at 110°C (Volts/Amp/1000 ft.) | Ampacity | | |
|----------------|----------|------|---------------------------|-------------------|--|-------------------------------------|-------------------------------------|--|----------|-------|------|
| | | | | | | | | | 110°C | 100°C | 95°C |
| HW264 01602 | 16 | 1.3 | 0.350 | 75 | 6.121 | 0.039 | 8.511 | 8.511 | 20 | 19 | 20 |
| HW264 01402 | 14 | 2.1 | 0.380 | 84 | 2.859 | 0.036 | 5.379 | 5.379 | 33 | 31 | 27 |
| HW264 01202 | 12 | 3.3 | 0.420 | 111 | 1.424 | 0.034 | 3.390 | 3.390 | 43 | 40 | 32 |
| HW264 01002 | 10 | 5.2 | 0.460 | 146 | 0.530 | 0.032 | 2.151 | 2.151 | 53 | 49 | 43 |
| HW264 00802 | 8 | 7.6 | 0.600 | 221 | 0.940 | 0.034 | 1.336 | 1.336 | 69 | 64 | 58 |
| HW264 00602 | 6 | 12.5 | 0.680 | 308 | 0.590 | 0.032 | 0.850 | 0.850 | 91 | 85 | 77 |
| HW264 00402 | 4 | 21 | 0.887 | 516 | 0.399 | 0.029 | 0.582 | 0.582 | 118 | 110 | 103 |
| HW264 10102 | 1/0 | 54 | 1.243 | 1128 | 0.156 | 0.028 | 0.245 | 0.245 | 213 | 199 | 184 |
| HW264 40102 | 4/0 | 109 | 1.593 | 2003 | 0.080 | 0.026 | 0.138 | 0.138 | 329 | 307 | 285 |

* Cable diameters shown as nominal are subject to a ±5% manufacturing tolerance.

See page 5 for Stranding Profile and Hawke Gland Info

APPLICATION:

Designed and constructed for the demanding environments of offshore drilling and petroleum facilities located throughout the world.

CONDUCTOR:

Soft annealed flexible stranded tinned copper per IEEE 1580 Table 11.

INSULATION:

Flame Retardant Cross-linked Polyolefin, meeting the requirements for Type P of IEEE 1580 and Type X110 of UL 1309/CSA C22.2 No. 245. *Color Code:* Black-White. *Sizes 1/0 and Larger:* Black with Phase ID Imprint.

JACKET:

Black, arctic grade, flame retardant, oil, abrasion, chemical and sunlight resistant thermosetting compound meeting UL 1309/CSA C22.2 No. 245 and IEEE 1580.

FEATURES:

- High strand count conductors make this product extremely flexible, easier to install and more resistant to vibration than Type MC, IEC spec or commercial cables.
- Lower dielectric constant and higher insulation resistance reduces electrical losses.
- Excellent resistance to moisture produces stable electrical properties throughout the life of the cable.
- In fire conditions, non chlorinated flame retardant system produces less toxic and less corrosive gasses.
- Dual certified IEEE 1580 Type P and UL 1309/CSA C22.2 No. 245 Type X110.
- Highest ampacity ratings: ABS 100°C, DNV 95°C, LRS 95°C, Transport Canada 95°C
- Severe cold durability: exceeds CSA cold bend/cold impact (-40/-35° C)
- Flame retardant: IEC 60332-3 Category A and IEEE 1202

RATINGS & APPROVALS:

- American Bureau of Shipping (ABS)
- Transport Canada
- Det Norske Veritas (DNV)
- Lloyd's Register of Shipping (LRS)
- NVE 95/1696, FAL
- UL listed as Marine Shipboard Cable
- United States Coast Guard
- CSA listed as Marine Shipboard Cable

