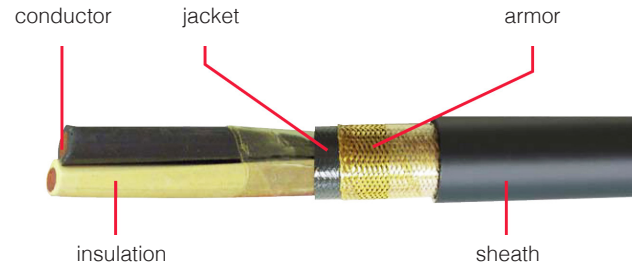


SPECIFICATION  
**HW266**

**TWO CONDUCTOR  
POWER CABLE**

**0.6/1kV Armored & Sheathed 110°C  
Gexol® Insulation  
Made in the USA**



Catalog Number	Size AWG	mm <sup>2</sup>	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
HW266 01602	16	1.3	0.540	202	6.121	0.039	8.511	8.511	20	19	20
HW266 01402	14	2.1	0.561	230	2.859	0.036	5.379	5.379	33	31	27
HW266 01202	12	3.3	0.601	263	1.424	0.034	3.390	3.390	43	40	32
HW266 01002	10	5.2	0.641	307	0.530	0.032	2.151	2.151	53	49	43
HW266 00802	8	7.6	0.781	416	0.940	0.034	1.336	1.336	69	64	58
HW266 00602	6	12.5	0.903	559	0.590	0.032	0.850	0.850	91	85	77
HW266 00402	4	21	1.110	835	0.399	0.029	0.582	0.582	118	110	103
HW266 10102	1/0	54	1.466	1562	0.156	0.028	0.245	0.245	213	199	184
HW266 40102	4/0	109	1.878	2680	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.

**ARMOR:**

Basket weave wire armor per IEEE 1580 and UL 1309/CSA C22.2 No. 245. Bronze standard. Tinned copper available by request.

**SHEATH:**

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

**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

**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
- Suitable for use in Class I, Division 1 and Zone 1 environments.
- Braided armor of bronze. Tinned Copper available by request.