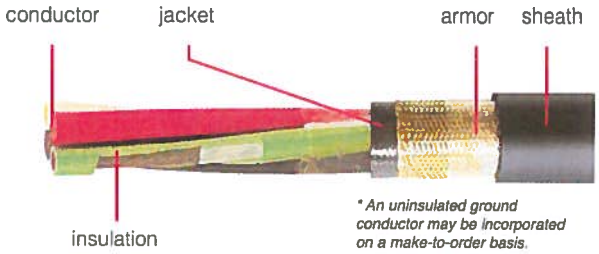
FOUR CONDUCTOR POWER CABLE

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



** An uninsulated ground conductor may be incorporated on a make-to-order basis.*

Catalog Number	Size AWG/kcmil	mm2	Nominal Diameter (inches)	Weight (lbs/Mft.)	DC Resistance at 25° C (Ohms/1000 ft.)	AC Resistance at 110°C, 60 Hz (Ohms/1000 ft.)	Inductive Reactance (Ohms/1000 ft.)	Voltage Drop at 110°C (Volts/Amp/1000 ft.)	Opt. Uninsulated Grounding Cond. Size AWG	Ampacity		
										110°C	100°C	95°C
HW272 01604	16	1.3	0.583	221	4.610	6.121	0.042	8.514	-	17	16	16
HW272 01404	14	2.1	0.619	262	2.907	3.859	0.039	5.382	-	27	25	22
HW272 01204	12	3.3	0.668	323	1.826	2.424	0.037	3.393	-	33	31	27
HW272 01004	10	5.2	0.734	390	1.153	1.530	0.035	2.154	-	44	41	36
HW272 00804	8	7.6	0.921	591	0.708	0.940	0.037	1.339	-	56	52	48
HW272 00604	6	12.5	1.017	808	0.445	0.590	0.035	0.853	8	75	70	64
HW272 00404	4	21	1.258	1236	0.300	0.399	0.032	0.585	8	99	82	85
HW272 00204	2	34	1.417	1677	0.184	0.244	0.030	0.369	6	131	122	113
HW272 00104	1	43	1.555	2144	0.147	0.195	0.031	0.302	6	153	143	131
HW272 10104	1/0	54	1.750	2434	0.117	0.156	0.030	0.248	6	176	164	152
HW272 20104	2/0	70	1.859	3050	0.093	0.125	0.030	0.203	6	201	188	175
HW272 30104	3/0	86	2.040	4003	0.074	0.100	0.029	0.168	4	234	218	202
HW272 40104	4/0	109	2.249	4670	0.058	0.080	0.029	0.140	4	270	252	235
HW272 26204	262	132	2.490	5610	0.048	0.067	0.029	0.122	3	315	294	267
HW272 31304	313	159	2.659	6395	0.040	0.056	0.028	0.107	3	344	321	299
HW272 37304	373	189	2.838	7576	0.034	0.047	0.028	0.095	3	387	361	334
HW272 44404	444	227	3.002	8760	0.028	0.041	0.028	0.086	2	440	411	372
HW272 53504	535	273	3.338	10570	0.024	0.035	0.028	0.077	2	463	443	418
HW272 64604	646	326	3.620	11840	0.020	0.030	0.029	0.071	1	553	516	470

** 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-Red-Green. *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.