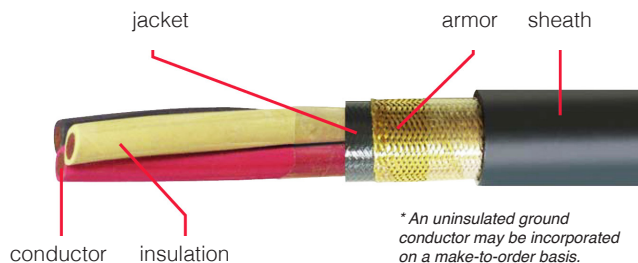


THREE CONDUCTOR POWER CABLE

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



Catalog Number	Size AWG/kcmil	mm ²	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
HW269 01603	16	1.3	0.519	181	4.610	6.121	0.039	8.511	-	17	16	16
HW269 01403	14	2.1	0.583	228	2.907	3.859	0.036	5.379	-	27	25	22
HW269 01203	12	3.3	0.626	276	1.826	2.424	0.034	3.390	-	33	31	27
HW269 01003	10	5.2	0.669	352	1.153	1.530	0.032	2.151	-	44	41	36
HW269 00803	8	7.6	0.818	477	0.708	0.940	0.034	1.336	-	56	52	48
HW269 00603	6	12.5	0.946	650	0.445	0.590	0.032	0.850	8	75	70	64
HW269 00403	4	21	1.165	1004	0.300	0.399	0.029	0.582	8	99	92	85
HW269 00203	2	34	1.307	1374	0.184	0.244	0.028	0.366	6	131	122	113
HW269 00103	1	43	1.431	1675	0.147	0.195	0.028	0.299	6	153	143	131
HW269 10103	1/0	54	1.550	2015	0.117	0.156	0.028	0.245	6	176	164	152
HW269 20103	2/0	70	1.645	2424	0.093	0.125	0.027	0.200	6	201	188	175
HW269 30103	3/0	86	1.814	3106	0.074	0.100	0.027	0.166	4	234	218	202
HW269 40103	4/0	109	2.050	3652	0.058	0.080	0.026	0.138	4	270	252	235
HW269 26203	262	132	2.266	4434	0.048	0.067	0.026	0.119	3	315	294	267
HW269 31303	313	159	2.418	4919	0.040	0.056	0.026	0.105	3	344	321	299
HW269 37303	373	189	2.517	5718	0.034	0.047	0.025	0.092	3	387	361	334
HW269 44403	444	227	2.680	6864	0.028	0.041	0.025	0.083	2	440	411	372
HW269 53503	535	273	2.986	8250	0.024	0.035	0.026	0.075	2	498	443	418
HW269 64603	646	326	3.301	9258	0.020	0.030	0.026	0.068	1	553	516	470
HW269 77703	777	394	3.511	10945	0.016	0.026	0.026	0.063	1	602	562	529

* 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 (Black-White-Green on request). *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.



MADE IN AMERICA

1-(800)-HOUWIRE
www.houwire.com

Type P Catalog. All data subject to change without notice.



HOUSTON WIRE & CABLE COMPANY

THREE
CONDUCTOR