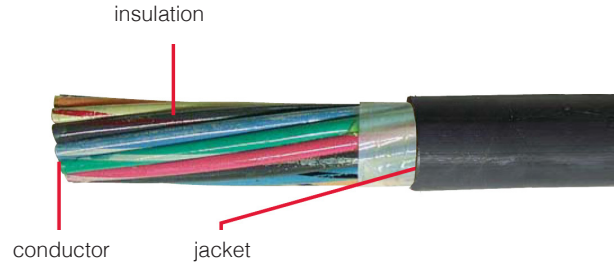


SPECIFICATION
HW276

**MULTI-CONDUCTOR
CONTROL CABLE**

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



Catalog Number	Size AWG	Number of Conductors	Nominal Diameter (inches)	Weight (lbs/Mft.)	Ampacity		
					110°C	100°C	95°C
HW276 01607	16	7	0.475	155	12	11	11
HW276 01608	16	8	0.531	164	12	11	11
HW276 01610	16	10	0.631	206	9	8	11
HW276 01616	16	16	0.719	299	9	8	11
HW276 01620	16	20	0.794	360	9	8	11
HW276 01624	16	24	0.923	462	8	7	11
HW276 01637	16	37	1.048	658	6	6	8
HW276 01644	16	44	1.173	807	66	6	8
HW276 01660	16	60	1.298	1053	6	6	8
HW276 01691	16	91	1.548	1595	6	6	8
HW276 01406	14	6	0.539	182	21	20	18
HW276 01407	14	7	0.539	205	19	18	15
HW276 01410	14	10	0.691	280	14	13	15
HW276 01412	14	12	0.713	307	14	13	15
HW276 01414	14	14	0.749	415	14	13	15
HW276 01420	14	20	0.916	560	14	13	15
HW276 01424	14	24	1.013	615	12	11	15
HW276 01430	14	30	1.071	780	12	11	13
HW276 01437	14	37	1.153	876	11	10	13
HW276 01444	14	44	1.293	1087	10	9	11
HW276 01491	14	91	1.775	2200	10	9	11
HW276 01206	12	6	0.611	280	27	25	22
HW276 01210	12	10	0.771	369	17	16	19
HW276 01220	12	20	1.022	701	17	16	19
HW276 01224	12	24	1.133	861	15	14	19
HW276 01237	12	37	1.293	1262	13	12	16

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

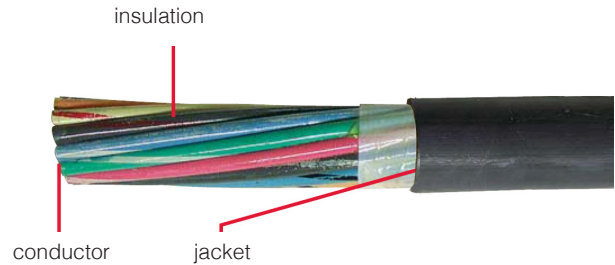
See page 5 for Stranding Profile and Hawke Gland Info

MULTI
CONDUCTOR



MULTI-CONDUCTOR CONTROL CABLE

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



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:* IEEE1580 Table 22. *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.

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

MULTI
CONDUCTOR

ABBREVIATED IEEE1580 TABLE 22 (Full chart on page 48):

Conductor Number	Base Color	Tracer Color	Tracer Color	Conductor Number	Base Color	Tracer Color	Tracer Color
1	Black	-	-	20	Red	Green	-
2	White	-	-	21	Orange	Green	-
3	Red	-	-	22	Black	White	Red
4	Green	-	-	23	White	Black	Red
5	Orange	-	-	24	Red	Black	White
6	Blue	-	-	25	Green	Black	White
7	White	Black	-	26	Orange	Black	White
8	Red	Black	-	27	Blue	Black	White
9	Green	Black	-	28	Black	Red	Green
10	Orange	Black	-	29	White	Red	Green
11	Blue	Black	-	30	Red	Black	Green
12	Black	White	-	31	Green	Black	Orange
13	Red	White	-	32	Orange	Black	Green
14	Green	White	-	33	Blue	White	Orange
15	Blue	White	-	34	Black	White	Orange
16	Black	Red	-	35	White	Red	Orange
17	White	Red	-	36	Orange	White	Blue
18	Orange	Red	-	37	White	Red	Blue
19	Blue	Red	-	-	-	-	-



MADE IN AMERICA

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

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

HWC
HOUSTON WIRE & CABLE COMPANY