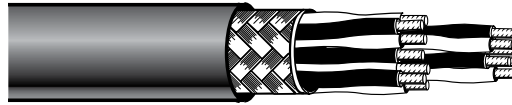


CABLED SINGLE CONDUCTORS



Extra Heavy Duty

- Single Conductors (NWH Series)
- Mil Spec, U.L. AWM

Recognized Style 2343 or 2344 and CSA Certified
AWM II A/B*

National Wire & Cable Corp. manufactures a complete line of extra heavy duty multi-conductor control cables. Conductors are of tinned copper strand with .031" wall of polyvinylchloride primary insulation for use up to 105°C. Per MIL-W-16878/3, insulated for 3000 volts working voltage**.

Conductors are color coded using 10 standard basic colors, plus spiral tracers on white per MIL-STD-681. View Color Table in the National Wire Cable Designers Guide, page 7-13.

All conductor are planetary cabled and contra-helically laid for optimum flexibility, with a Mylar tape serve over cable bundle. Shielded cables have a tinned copper braid overall, of 85-90% coverage per MIL-C-7078, and braid angles below 40° for easy pushback.

The outer jacket is black, abrasion-resistant 105°C vinyl meeting MIL-I-631 Type F. This material is self-extinguishing and fungus resistant. Neoprene to MIL-R-6855 Class 2 Grade 60 specifications also available on special for non-U.L. applications.

*Cables are U.L. STYLE 2343 or 2344, rated 80°C, and CSA CERTIFIED for 105°C U.L. and/or CSA Certification furnished only when requested.

**Insulated wires also meet Style 1015.

TECHNICAL DATA (ALL CABLES)	
Insulation Breakdown Voltage:	Greater than 12000 volts AC RMS, 60cps.
U.L. Voltage Rating:	600 volts RMS AC (appliance use). 2500 volts RMS AC (electronic use).
CSA Voltage Rating:	600 volts RMS AC (appliance use).
Military Voltage Rating:	3000 volts RMS
Capacitance:	Nominal capacitance from a wire to all else in the cable ranges from 40 to 65 pf per ft. @ 1000 cps. dependent on gauge and position.
Insulation Leakage Res.:	200 megohms/1000 ft. min. at 500 VDC from any conductor to all else in cable.
Sheath Leakage Res.:	10 megohms/1000 ft. min. at 500 VDC form overall shield through sheath to outside world.
Usable Temp. Range:	Suitable for continuous use from +105°C to -40°C.
Cold Bending Capability:	All cables are suitable for flexing to a circle diameter of 6 cable diameters from +105°C to -20°C. Recommended flex diameter should be greater than 20 cable diameters for flexing at -40°C. For continuous flexing application consult the factory.

MULTI-CONDUCTOR STOCK CABLES Conductor sizes 22 AWG is 7 stranded. All others are 19 strand.

NWH SERIES UNSHIELD - 22, 20 and 18 AWG											NWH SERIES OVERALL SHIELDED - 22, 20 and 18 AWG										
Part No.	No. Cond	Cond AWG	Cond. Diam.		Jacket Wall		Nom. Diam.		Weight		Part No.	No. Cond	Cond AWG	Cond. Diam.		Jacket Wall		Nom. Diam.		Weight	
			Inches	MM	Inches	MM	Inches	MM	lbs per 1000 ft	KG/KM				Inches	MM	Inches	MM	Inches	MM	lbs per 1000 ft	KG/KM
NWH-722J	7	22	.092	2.3	.080	2.0	.992	25.2	479	713	NWH-722SJ	7	22	.092	2.3	.062	1.6	.424	10.8	101	150
NWH-1222J	12	22	.092	2.3	.080	2.0	1.084	27.5	562	835	NWH-1222SJ	12	22	.092	2.3	.062	1.6	.536	13.6	160	238
NWH-1922J	19	22	.092	2.3	.080	2.0	1.176	29.9	667	992	NWH-1922SJ	19	22	.092	2.3	.062	1.6	.613	15.6	216	322
NWH-2722J	27	22	.092	2.3	.080	2.0	1.268	32.2	761	1132	NWH-2722SJ	27	22	.092	2.3	.062	1.6	.720	18.3	285	423
NWH-3722J	37	22	.092	2.3	.062	1.6	.772	19.6	294	437	NWH-3722SJ	37	22	.092	2.3	.062	1.6	.797	20.2	358	533
NWH-4822J	48	22	.092	2.3	.080	2.0	.909	23.1	398	592	NWH-4822SJ	48	22	.092	2.3	.080	2.0	.934	23.7	473	704
NWH-6022J	60	22	.092	2.3	.080	2.0	.992	25.2	479	713	NWH-6022SJ	60	22	.092	2.3	.080	2.0	1.017	25.8	562	836
NWH-7222J	72	22	.092	2.3	.080	2.0	1.084	27.5	562	835	NWH-7222SJ	72	22	.092	2.3	.080	2.0	1.109	28.2	653	971
NWH-8822J	88	22	.092	2.3	.080	2.0	1.176	29.9	667	992	NWH-8822SJ	88	22	.092	2.3	.080	2.0	1.176	29.9	667	992
NWH-10222J	102	22	.092	2.3	.080	2.0	1.268	32.2	761	1132	NWH-10222SJ	102	22	.092	2.3	.080	2.0	1.293	32.8	870	1294
NWH-720J	7	20	.098	2.5	.062	1.6	.422	10.7	95	141	NWH-720SJ	7	20	.098	2.5	.062	1.6	.422	10.7	95	141
NWH-1220J	12	20	.098	2.5	.062	1.6	.536	13.6	146	218	NWH-1220SJ	12	20	.098	2.5	.062	1.6	.536	13.6	146	218
NWH-1920J	19	20	.098	2.5	.062	1.6	.618	15.7	209	311	NWH-1920SJ	19	20	.098	2.5	.062	1.6	.618	15.7	209	311
NWH-2720J	27	20	.098	2.5	.062	1.6	.732	18.6	284	422	NWH-2720SJ	27	20	.098	2.5	.062	1.6	.732	18.6	284	422
NWH-3720J	37	20	.098	2.5	.062	1.6	.814	20.7	370	550	NWH-3720SJ	37	20	.098	2.5	.062	1.6	.814	20.7	370	550
NWH-4820J	48	20	.098	2.5	.080	2.0	.958	24.3	497	740	NWH-4820SJ	48	20	.098	2.5	.080	2.0	.958	24.3	497	740
NWH-6020J	60	20	.098	2.5	.080	2.0	1.046	26.6	602	896	NWH-6020SJ	60	20	.098	2.5	.080	2.0	1.046	26.6	602	896
NWH-7220J	72	20	.098	2.5	.080	2.0	1.144	29.1	709	1054	NWH-7220SJ	72	20	.098	2.5	.080	2.0	1.144	29.1	709	1054
NWH-8820J	88	20	.098	2.5	.080	2.0	1.242	31.5	846	1258	NWH-8820SJ	88	20	.098	2.5	.080	2.0	1.242	31.5	846	1258
NWH-10220J	102	20	.098	2.5	.080	2.0	1.340	34.0	967	1439	NWH-10220SJ	102	20	.098	2.5	.080	2.0	1.365	34.7	1083	1611
NWH-718J	7	18	.110	2.8	.062	1.6	.458	11.6	119	177	NWH-718SJ	7	18	.110	2.8	.062	1.6	.458	11.6	119	177
NWH-1218J	12	18	.110	2.8	.062	1.6	.586	14.9	186	276	NWH-1218SJ	12	18	.110	2.8	.062	1.6	.586	14.9	186	276
NWH-1918J	19	18	.110	2.8	.062	1.6	.678	17.2	270	401	NWH-1918SJ	19	18	.110	2.8	.062	1.6	.678	17.2	270	401
NWH-2718J	27	18	.110	2.8	.062	1.6	.806	20.5	368	548	NWH-2718SJ	27	18	.110	2.8	.062	1.6	.806	20.5	368	548
NWH-3718J	37	18	.110	2.8	.080	2.0	.934	23.7	514	765	NWH-3718SJ	37	18	.110	2.8	.080	2.0	.934	23.7	514	765
NWH-4818J	48	18	.110	2.8	.080	2.0	1.055	26.8	647	963	NWH-4818SJ	48	18	.110	2.8	.080	2.0	1.055	26.8	647	963
NWH-6018J	60	18	.110	2.8	.080	2.0	1.154	29.3	788	1171	NWH-6018SJ	60	18	.110	2.8	.080	2.0	1.154	29.3	788	1171
NWH-7218J	72	18	.110	2.8	.080	2.0	1.264	32.1	930	1383	NWH-7218SJ	72	18	.110	2.8	.080	2.0	1.264	32.1	930	1383

CABLED SINGLE CONDUCTORS - NWH Series



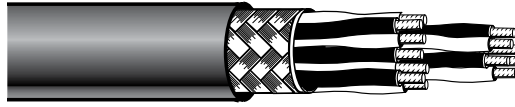
MULTI-CONDUCTOR STOCK CABLES Conductor sizes 22 AWG is 7 stranded. All others are 19 strand.

RoHS COMPLIANT PRODUCTS:

all RoHS products have the letter "R" written into the second position of the Part No.

NRWH SERIES UNSHIELD - 22, 20 and 18 AWG											NRWH SERIES OVERALL SHIELDED - 22, 20 and 18 AWG										
Part No.	No. Cond	Cond AWG	Cond. Diam.		Jacket Wall		Nom. Diam.		Weight		Part No.	No. Cond	Cond AWG	Cond. Diam.		Jacket Wall		Nom. Diam.		Weight	
			Inches	MM	Inches	MM	Inches	MM	lbs per 1000 ft	KG/KM				Inches	MM	Inches	MM	Inches	MM	lbs per 1000 ft	KG/KM
NRWH-722J	7	22	.092	2.3	.080	2.0	.992	25.2	479	713	NRWH-722SJ	7	22	.092	2.3	.062	1.6	.424	10.8	101	150
NRWH-1222J	12	22	.092	2.3	.080	2.0	1.084	27.5	562	835	NRWH-1222SJ	12	22	.092	2.3	.062	1.6	.536	13.6	160	238
NRWH-1922J	19	22	.092	2.3	.080	2.0	1.176	29.9	667	992	NRWH-1922SJ	19	22	.092	2.3	.062	1.6	.613	15.6	216	322
NRWH-2722J	27	22	.092	2.3	.080	2.0	1.268	32.2	761	1132	NRWH-2722SJ	27	22	.092	2.3	.062	1.6	.720	18.3	285	423
NRWH-3722J	37	22	.092	2.3	.062	1.6	.772	19.6	294	437	NRWH-3722SJ	37	22	.092	2.3	.062	1.6	.797	20.2	358	533
NRWH-4822J	48	22	.092	2.3	.080	2.0	.909	23.1	398	592	NRWH-4822SJ	48	22	.092	2.3	.080	2.0	.934	23.7	473	704
NRWH-6022J	60	22	.092	2.3	.080	2.0	.992	25.2	479	713	NRWH-6022SJ	60	22	.092	2.3	.080	2.0	1.017	25.8	562	836
NRWH-7222J	72	22	.092	2.3	.080	2.0	1.084	27.5	562	835	NRWH-7222SJ	72	22	.092	2.3	.080	2.0	1.109	28.2	653	971
NRWH-8822J	88	22	.092	2.3	.080	2.0	1.176	29.9	667	992	NRWH-8822SJ	88	22	.092	2.3	.080	2.0	1.176	29.9	667	992
NRWH-10222J	102	22	.092	2.3	.080	2.0	1.268	32.2	761	1132	NRWH-10222SJ	102	22	.092	2.3	.080	2.0	1.293	32.8	870	1294
NRWH-720J	7	20	.098	2.5	.062	1.6	.422	10.7	95	141	NRWH-720SJ	7	20	.098	2.5	.062	1.6	.422	10.7	95	141
NRWH-1220J	12	20	.098	2.5	.062	1.6	.536	13.6	146	218	NRWH-1220SJ	12	20	.098	2.5	.062	1.6	.536	13.6	146	218
NRWH-1920J	19	20	.098	2.5	.062	1.6	.618	15.7	209	311	NRWH-1920SJ	19	20	.098	2.5	.062	1.6	.618	15.7	209	311
NRWH-2720J	27	20	.098	2.5	.062	1.6	.732	18.6	284	422	NRWH-2720SJ	27	20	.098	2.5	.062	1.6	.732	18.6	284	422
NRWH-3720J	37	20	.098	2.5	.062	1.6	.814	20.7	370	550	NRWH-3720SJ	37	20	.098	2.5	.062	1.6	.814	20.7	370	550
NRWH-4820J	48	20	.098	2.5	.080	2.0	.958	24.3	497	740	NRWH-4820SJ	48	20	.098	2.5	.080	2.0	.958	24.3	497	740
NRWH-6020J	60	20	.098	2.5	.080	2.0	1.046	26.6	602	896	NRWH-6020SJ	60	20	.098	2.5	.080	2.0	1.046	26.6	602	896
NRWH-7220J	72	20	.098	2.5	.080	2.0	1.144	29.1	709	1054	NRWH-7220SJ	72	20	.098	2.5	.080	2.0	1.144	29.1	709	1054
NRWH-8820J	88	20	.098	2.5	.080	2.0	1.242	31.5	846	1258	NRWH-8820JS	88	20	.098	2.5	.080	2.0	1.242	31.5	846	1258
NRWH-10220J	102	20	.098	2.5	.080	2.0	1.340	34.0	967	1439	NRWH-10220SJ	102	20	.098	2.5	.080	2.0	1.365	34.7	1083	1611
NRWH-718J	7	18	.110	2.8	.062	1.6	.458	11.6	119	177	NRWH-718SJ	7	18	.110	2.8	.062	1.6	.458	11.6	119	177
NRWH-1218J	12	18	.110	2.8	.062	1.6	.586	14.9	186	276	NRWH-1218SJ	12	18	.110	2.8	.062	1.6	.586	14.9	186	276
NRWH-1918J	19	18	.110	2.8	.062	1.6	.678	17.2	270	401	NRWH-1918SJ	19	18	.110	2.8	.062	1.6	.678	17.2	270	401
NRWH-2718J	27	18	.110	2.8	.062	1.6	.806	20.5	368	548	NRWH-2718SJ	27	18	.110	2.8	.062	1.6	.806	20.5	368	548
NRWH-3718J	37	18	.110	2.8	.080	2.0	.934	23.7	514	765	NRWH-3718SJ	37	18	.110	2.8	.080	2.0	.934	23.7	514	765
NRWH-4818J	48	18	.110	2.8	.080	2.0	1.055	26.8	647	963	NRWH-4818SJ	48	18	.110	2.8	.080	2.0	1.055	26.8	647	963
NRWH-6018J	60	18	.110	2.8	.080	2.0	1.154	29.3	788	1171	NRWH-6018SJ	60	18	.110	2.8	.080	2.0	1.154	29.3	788	1171
NRWH-7218J	72	18	.110	2.8	.080	2.0	1.264	32.1	930	1383	NRWH-7218SJ	72	18	.110	2.8	.080	2.0	1.264	32.1	930	1383

CABLED SINGLE CONDUCTORS



Extra Heavy Duty

- Single Conductors (NWH Series)
- Mil Spec, U.L. AWM

Recognized Style 2343 or 2344 and CSA Certified
AWM II A/B*

MULTI-CONDUCTOR STOCK CABLES

The products shown in the following tables are MIL-SPEC only. UL and CSA do not recognize 19 strand conductors in this gauge.
See the NWHC table below for UL/CSA.

NWH SERIES UNSHIELDED - 16, 14 and 12 AWG											NWH SERIES OVERALL SHIELDED - 16, 14 and 12 AWG										
Part No.	No. Cond	Cond AWG	Cond. Diam.		Jacket Wall		Nom. Diam.		Weight		Part No.	No. Cond	Cond AWG	Cond. Diam.		Jacket Wall		Nom. Diam.		Weight	
			Inches	MM	Inches	MM	Inches	MM	lbs per 1000 ft	KG/KM				Inches	MM	Inches	MM	Inches	MM	lbs per 1000 ft	KG/KM
NWH-716J	7	16	.092	2.3	.062	1.6	.424	10.8	101	150	NWH-716SJ	7	16	.116	2.9	.062	1.6	.501	12.7	170	253
NWH-1216J	12	16	.092	2.3	.062	1.6	.536	13.6	160	238	NWH-1216SJ	12	16	.116	2.9	.062	1.6	.636	16.1	260	386
NWH-1916J	19	16	.092	2.3	.062	1.6	.613	15.6	216	322	NWH-1916SJ	19	16	.116	2.9	.062	1.6	.733	18.6	366	545
NWH-2716J	27	16	.092	2.3	.062	1.6	.720	18.3	285	423	NWH-2716SJ	27	16	.116	2.9	.080	2.0	.904	23.0	523	777
NWH-3716J	37	16	.092	2.3	.062	1.6	.797	20.2	358	533	NWH-3716SJ	37	16	.116	2.9	.080	2.0	1.001	25.4	669	996
NWH-4816J	48	16	.092	2.3	.080	2.0	.934	23.7	473	704	NWH-4816SJ	48	16	.116	2.9	.080	2.0	1.129	28.7	836	1243
NWH-6016J	60	16	.092	2.3	.080	2.0	1.017	25.8	562	836	NWH-6016SJ	60	16	.116	2.9	.080	2.0	1.233	31.3	1009	1501
NWH-714J	7	14	.131	3.3	.062	1.6	.521	13.2	175	261	NWH-714SJ	7	14	.131	3.3	.062	1.6	.546	13.9	216	321
NWH-1214J	12	14	.131	3.3	.062	1.6	.673	17.1	280	417	NWH-1214SJ	12	14	.131	3.3	.062	1.6	.698	17.7	335	498
NWH-1914J	19	14	.131	3.3	.062	1.6	.783	19.9	415	617	NWH-1914SJ	19	14	.131	3.3	.062	1.6	.808	20.5	481	715
NWH-2714J	27	14	.131	3.3	.062	1.6	.971	24.7	604	899	NWH-2714SJ	27	14	.131	3.3	.080	2.0	.996	25.3	685	1019
NWH-512J	5	12	.161	4.1	.062	1.6	.563	14.3	193	287	NWH-512SJ	5	12	.161	4.1	.062	1.6	.588	14.9	238	353
NWH-712J	7	12	.161	4.1	.062	1.6	.611	15.5	253	376	NWH-712SJ	7	12	.161	4.1	.062	1.6	.636	16.2	302	449
NWH-1212J	12	12	.161	4.1	.062	1.6	.789	20.3	410	609	NWH-1212SJ	12	12	.161	4.1	.062	1.6	.823	20.9	476	709
NWH-1912J	19	12	.161	4.1	.080	2.0	.969	24.6	646	962	NWH-1912SJ	19	12	.161	4.1	.080	2.0	.994	25.3	727	1081

The following cables in 16 gauge are similar to NWH series but utilize materials to qualify for CSA certification for AWM II A/B 105°C service at 600 volts as well as styles 2343 and 2344. Items below are not stocked and are subject to minimum run quantities.

NWHC SERIES UNSHIELDED - 16, 14 and 12 AWG											NWHC SERIES OVERALL SHIELDED - 16, 14 and 12 AWG										
Part No.	No. Cond	Cond AWG	Cond. Diam.		Jacket Wall		Nom. Diam.		Weight		Part No.	No. Cond	Cond AWG	Cond. Diam.		Jacket Wall		Nom. Diam.		Weight	
			Inches	MM	Inches	MM	Inches	MM	lbs per 1000 ft	KG/KM				Inches	MM	Inches	MM	Inches	MM	lbs per 1000 ft	KG/KM
NWHC-716J	7	16	.116	2.9	.062	1.6	.476	12.1	134	199	NWHC-716SJ	7	16	.116	2.9	.062	1.6	.501	12.7	170	253
NWHC-1216J	12	16	.116	2.9	.062	1.6	.611	15.5	211	313	NWHC-1216SJ	12	16	.116	2.9	.062	1.6	.636	16.1	260	386
NWHC-1916J	19	16	.116	2.9	.062	1.6	.708	18.0	308	458	NWHC-1916SJ	19	16	.116	2.9	.062	1.6	.733	18.6	366	545
NWHC-2716J	27	16	.116	2.9	.080	2.0	.879	22.3	451	670	NWHC-2716SJ	27	16	.116	2.9	.080	2.0	.904	23.0	523	777
NWHC-3716J	37	16	.116	2.9	.080	2.0	.976	24.8	588	875	NWHC-3716SJ	37	16	.116	2.9	.080	2.0	1.001	25.4	669	996
NWHC-4816J	48	16	.116	2.9	.080	2.0	1.104	28.0	742	1104	NWHC-4816SJ	48	16	.116	2.9	.080	2.0	1.129	28.7	836	1243
NWHC-6016J	60	16	.116	2.9	.080	2.0	1.208	30.7	905	1347	NWHC-6016SJ	60	16	.116	2.9	.080	2.0	1.233	31.3	1009	1501
NWHC-714J	7	14	.131	3.3	.062	1.6	.521	13.2	175	261	NWHC-714SJ	7	14	.131	3.3	.062	1.6	.546	13.9	216	321
NWHC-1214J	12	14	.131	3.3	.062	1.6	.673	17.1	280	417	NWHC-1214SJ	12	14	.131	3.3	.062	1.6	.698	17.7	335	498
NWHC-1914J	19	14	.131	3.3	.062	1.6	.783	19.9	415	617	NWHC-1914SJ	19	14	.131	3.3	.062	1.6	.808	20.5	481	715
NWHC-2714J	27	14	.131	3.3	.080	2.0	.971	24.7	604	899	NWHC-2714SJ	27	14	.131	3.3	.080	2.0	.996	25.3	685	1019
NWHC-512J	5	12	.161	4.1	.062	1.6	.563	14.3	193	287	NWHC-512SJ	5	12	.161	4.1	.062	1.6	.588	14.9	238	353
NWHC-712J	7	12	.161	4.1	.062	1.6	.611	15.5	253	376	NWHC-712SJ	7	12	.161	4.1	.062	1.6	.636	16.2	302	449
NWHC-1212J	12	12	.161	4.1	.062	1.6	.798	20.3	410	609	NWHC-1212SJ	12	12	.161	4.1	.062	1.6	.823	20.9	476	709
NWHC-1912J	19	12	.161	4.1	.080	2.0	.969	24.6	646	962	NWHC-1912SJ	19	12	.161	4.1	.080	2.0	.994	25.3	727	1081

UL/CSA -- CONDUCTOR SIZE & STRANDING

- 16 AWG (26 x 30)
- 14 AWG (41 x 30)
- 12 AWG (65 x 30)

CABLED SINGLE CONDUCTORS - NWH Series



RoHS COMPLIANT PRODUCTS:

all RoHS products have the letter "R" written into the second position of the Part No.

NRWH SERIES UNSHIELDED - 16, 14 and 12 AWG											NRWH SERIES OVERALL SHIELDED - 16, 14 and 12 AWG										
Part No.	No. Cond	Cond AWG	Cond. Diam.		Jacket Wall		Nom. Diam.		Weight		Part No.	No. Cond	Cond AWG	Cond. Diam.		Jacket Wall		Nom. Diam.		Weight	
			Inches	MM	Inches	MM	Inches	MM	Inches	MM				lbs per 1000 ft	KG/KM	Inches	MM	Inches	MM	Inches	MM
NRWH-716J	7	16	.092	2.3	.062	1.6	.424	10.8	101	150	NRWH-716SJ	7	16	.116	2.9	.062	1.6	.501	12.7	170	253
NRWH-1216J	12	16	.092	2.3	.062	1.6	.536	13.6	160	238	NRWH-1216SJ	12	16	.116	2.9	.062	1.6	.636	16.1	260	386
NRWH-1916J	19	16	.092	2.3	.062	1.6	.613	15.6	216	322	NRWH-1916SJ	19	16	.116	2.9	.062	1.6	.733	18.6	366	545
NRWH-2716J	27	16	.092	2.3	.062	1.6	.720	18.3	285	423	NRWH-2716SJ	27	16	.116	2.9	.080	2.0	.904	23.0	523	777
NRWH-3716J	37	16	.092	2.3	.062	1.6	.797	20.2	358	533	NRWH-3716SJ	37	16	.116	2.9	.080	2.0	1.001	25.4	669	996
NRWH-4816J	48	16	.092	2.3	.080	2.0	.934	23.7	473	704	NRWH-4816SJ	48	16	.116	2.9	.080	2.0	1.129	28.7	836	1243
NRWH-6016J	60	16	.092	2.3	.080	2.0	1.017	25.8	562	836	NRWH-6016SJ	60	16	.116	2.9	.080	2.0	1.233	31.3	1009	1501
NRWH-714J	7	14	.131	3.3	.062	1.6	.521	13.2	175	261	NRWH-714SJ	7	14	.131	3.3	.062	1.6	.546	13.9	216	321
NRWH-1214J	12	14	.131	3.3	.062	1.6	.673	17.1	280	417	NRWH-1214SJ	12	14	.131	3.3	.062	1.6	.698	17.7	335	498
NRWH-1914J	19	14	.131	3.3	.062	1.6	.783	19.9	415	617	NRWH-1914SJ	19	14	.131	3.3	.062	1.6	.808	20.5	481	715
NRWH-2714J	27	14	.131	3.3	.062	1.6	.971	24.7	604	899	NRWH-2714SJ	27	14	.131	3.3	.080	2.0	.996	25.3	685	1019
NRWH-512J	5	12	.161	4.1	.062	1.6	.563	14.3	193	287	NRWH-512SJ	5	12	.161	4.1	.062	1.6	.588	14.9	238	353
NRWH-712J	7	12	.161	4.1	.062	1.6	.611	15.5	253	376	NRWH-712SJ	7	12	.161	4.1	.062	1.6	.636	16.2	302	449
NRWH-1212J	12	12	.161	4.1	.062	1.6	.789	20.3	410	609	NRWH-1212SJ	12	12	.161	4.1	.062	1.6	.823	20.9	476	709
NRWH-1912J	19	12	.161	4.1	.080	2.0	.969	24.6	646	962	NRWH-1912SJ	19	12	.161	4.1	.080	2.0	.994	25.3	727	1081

NRWHC SERIES UNSHIELDED - 16, 14 and 12 AWG											NRWHC SERIES OVERALL SHIELDED - 16, 14 and 12 AWG										
Part No.	No. Cond	Cond AWG	Cond. Diam.		Jacket Wall		Nom. Diam.		Weight		Part No.	No. Cond	Cond AWG	Cond. Diam.		Jacket Wall		Nom. Diam.		Weight	
			Inches	MM	Inches	MM	Inches	MM	Inches	MM				lbs per 1000 ft	KG/KM	Inches	MM	Inches	MM	Inches	MM
NRWHC-716J	7	16	.116	2.9	.062	1.6	.476	12.1	134	199	NRWHC-716SJ	7	16	.116	2.9	.062	1.6	.501	12.7	170	253
NRWHC-1216J	12	16	.116	2.9	.062	1.6	.611	15.5	211	313	NRWHC-1216SJ	12	16	.116	2.9	.062	1.6	.636	16.1	260	386
NRWHC-1916J	19	16	.116	2.9	.062	1.6	.708	18.0	308	458	NRWHC-1916SJ	19	16	.116	2.9	.062	1.6	.733	18.6	366	545
NRWHC-2716J	27	16	.116	2.9	.080	2.0	.879	22.3	451	670	NRWHC-2716SJ	27	16	.116	2.9	.080	2.0	.904	23.0	523	777
NRWHC-3716J	37	16	.116	2.9	.080	2.0	.976	24.8	588	875	NRWHC-3716SJ	37	16	.116	2.9	.080	2.0	1.001	25.4	669	996
NRWHC-4816J	48	16	.116	2.9	.080	2.0	1.104	28.0	742	1104	NRWHC-4816SJ	48	16	.116	2.9	.080	2.0	1.129	28.7	836	1243
NRWHC-6016J	60	16	.116	2.9	.080	2.0	1.208	30.7	905	1347	NRWHC-6016SJ	60	16	.116	2.9	.080	2.0	1.233	31.3	1009	1501
NRWHC-714J	7	14	.131	3.3	.062	1.6	.521	13.2	175	261	NRWHC-714SJ	7	14	.131	3.3	.062	1.6	.546	13.9	216	321
NRWHC-1214J	12	14	.131	3.3	.062	1.6	.673	17.1	280	417	NRWHC-1214SJ	12	14	.131	3.3	.062	1.6	.698	17.7	335	498
NRWHC-1914J	19	14	.131	3.3	.062	1.6	.783	19.9	415	617	NRWHC-1914SJ	19	14	.131	3.3	.080	2.0	.996	25.3	685	1019
NRWHC-2714J	27	14	.131	3.3	.080	2.0	.971	24.7	604	899	NRWHC-1214SJ	12	14	.131	3.3	.062	1.6	.698	17.7	335	498
NRWHC-512J	5	12	.161	4.1	.062	1.6	.563	14.3	193	287	NRWHC-512SJ	5	12	.161	4.1	.062	1.6	.588	14.9	238	353
NRWHC-712J	7	12	.161	4.1	.062	1.6	.611	15.5	253	376	NRWHC-712SJ	7	12	.161	4.1	.062	1.6	.636	16.2	302	449
NRWHC-1212J	12	12	.161	4.1	.062	1.6	.798	20.3	410	609	NRWHC-1212SJ	12	12	.161	4.1	.062	1.6	.823	20.9	476	709
NRWHC-1912J	19	12	.161	4.1	.080	2.0	.969	24.6	646	962	NRWHC-1912SJ	19	12	.161	4.1	.080	2.0	.994	25.3	727	1081

UL/CSA -- CONDUCTOR SIZE & STRANDING

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