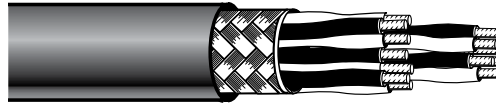


# CABLED SINGLE CONDUCTORS



## Heavy Duty

- Single Conductors (NW 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 multiple conductor control cable. All conductors are stranded tinned copper with .015" wall of vinyl primary insulation for use up to 105°C per MIL-W-16878/2\*. Insulated for 1000 volts working voltage. Color coded using 10 standard plus stripes on white per MIL-STD-681. View Color Table in the National Wire Cable Designers Guide, page 7-13.

All conductors 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 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. All materials are self-extinguishing and fungus resistant. Also available with Neoprene jacket as a custom product. Consult factory for details.

\*Insulated wires also meet U.L. Style 1007 or 1569 as appropriate for gauge.  
 \*\*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.

TECHNICAL DATA (ALL CABLES)	
<b>Insulation Breakdown Voltage:</b>	Greater than 5000 volts AC RMS, 60cps.
<b>U.L. Voltage Rating:</b>	300 volts RMS AC (appliance use). 600 volts RMS AC (electronic use).
<b>CSA Voltage Rating:</b>	300 volts RMS AC (appliance use).
<b>Military Voltage Rating:</b>	1000 volts RMS
<b>Capacitance:</b>	Nominal capacitance from a wire to all else in the cable ranges from 40 to 65 pf., @ 1000 cps, dependent on gauge and position.
<b>Insulation Leakage Res.:</b>	200 megohms/1000 ft. min. at 500 VDC from any conductor to all else in cable.
<b>Sheath Leakage Res.:</b>	10 megohms/1000 ft. min. at 500 VDC from overall shield through sheath to outside world.
<b>Usable Temp. Range:</b>	Suitable for continuous use from -40°C to +105°C.
<b>Cold Bending Capability:</b>	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, 20, 18, 16, 14 & 12 gauge. 22 AWG is 7 stranded. All others are 19 strand.

NW SERIES UNSHIELDED - 22, 20 and 18 AWG										
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
NW-722J	7	22	.064	1.6	.062	1.6	.320	8.1	55	82
NW-1222J	12	22	.064	1.6	.062	1.6	.394	10.1	82	123
NW-1922J	19	22	.064	1.6	.062	1.6	.448	11.4	114	170
NW-2722J	27	22	.064	1.6	.062	1.6	.522	13.3	152	227
NW-3722J	37	22	.064	1.6	.062	1.6	.576	14.6	195	291
NW-4822J	48	22	.064	1.6	.062	1.6	.646	16.4	244	363
NW-6022J	60	22	.064	1.6	.062	1.6	.704	17.9	295	438
NW-7222J	72	22	.064	1.6	.062	1.6	.768	19.5	346	515
NW-8822J	82	22	.064	1.6	.080	2.0	.868	22.0	441	656
NW-10222J	102	22	.064	1.6	.080	2.0	.932	23.7	502	747
NW-720J	7	20	.072	1.8	.062	1.6	.344	8.7	71	106
NW-1220J	12	20	.072	1.8	.062	1.6	.428	10.9	109	162
NW-1920J	19	20	.072	1.8	.062	1.6	.488	12.4	155	230
NW-2720J	27	20	.072	1.8	.062	1.6	.572	14.5	209	311
NW-3720J	37	20	.072	1.8	.062	1.6	.632	16.1	272	405
NW-4820J	48	20	.072	1.8	.062	1.6	.711	18.1	342	509
NW-6020J	60	20	.072	1.8	.062	1.6	.776	19.7	417	620
NW-7220J	72	20	.072	1.8	.080	2.0	.884	22.5	521	775
NW-8820J	88	20	.072	1.8	.080	2.0	.956	24.3	621	924
NW-10220J	102	20	.072	1.8	.080	2.0	1.028	26.1	710	1056
NW-718J	7	18	.082	2.1	.062	1.6	.374	9.5	91	136
NW-1218J	12	18	.082	2.1	.062	1.6	.469	11.9	142	211
NW-1918J	19	18	.082	2.1	.062	1.6	.538	13.7	206	306
NW-2718J	27	18	.082	2.1	.062	1.6	.633	16.0	280	417
NW-3718J	37	18	.082	2.1	.062	1.6	.702	17.8	368	547
NW-4818J	48	18	.082	2.1	.062	1.6	.792	20.1	465	692
NW-6018J	60	18	.082	2.1	.080	2.0	.922	22.9	599	891
NW-7218J	72	18	.082	2.1	.080	2.0	.984	25.0	706	1051

NW SERIES OVERALL BRAIDED SHIELD - 22, 20 and 18 AWG										
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
NW-722SJ	7	22	.064	1.6	.062	1.6	.340	8.6	71	106
NW-1222SJ	12	22	.064	1.6	.062	1.6	.414	10.5	103	153
NW-1922SJ	19	22	.064	1.6	.062	1.6	.473	12.0	148	220
NW-2722SJ	27	22	.064	1.6	.062	1.6	.547	13.9	193	287
NW-3722SJ	37	22	.064	1.6	.062	1.6	.601	15.3	241	359
NW-4822SJ	48	22	.064	1.6	.062	1.6	.672	17.0	296	441
NW-6022SJ	60	22	.064	1.6	.062	1.6	.729	18.5	353	525
NW-7222SJ	72	22	.064	1.6	.062	1.6	.793	20.1	410	610
NW-8822SJ	88	22	.064	1.6	.080	2.0	.893	22.7	512	761
NW-10222SJ	102	22	.064	1.6	.080	2.0	.957	24.3	579	861
NW-720SJ	7	20	.072	1.8	.062	1.6	.364	9.2	89	132
NW-1220SJ	12	20	.072	1.8	.062	1.6	.448	11.4	132	196
NW-1920SJ	19	20	.072	1.8	.062	1.6	.513	13.0	192	286
NW-2720SJ	27	20	.072	1.8	.062	1.6	.597	15.2	255	379
NW-3720SJ	37	20	.072	1.8	.062	1.6	.657	16.7	323	481
NW-4820SJ	48	20	.072	1.8	.062	1.6	.736	18.7	401	597
NW-6020SJ	60	20	.072	1.8	.062	1.6	.801	20.4	482	716
NW-7220SJ	72	20	.072	1.8	.080	2.0	.909	23.1	593	883
NW-8820SJ	88	20	.072	1.8	.080	2.0	.981	24.9	700	1042
NW-10220SJ	102	20	.072	1.8	.080	2.0	1.053	26.8	796	1184
NW-718SJ	7	18	.082	2.1	.062	1.6	.394	10.0	111	165
NW-1218SJ	12	18	.082	2.1	.062	1.6	.494	12.6	178	265
NW-1918SJ	19	18	.082	2.1	.062	1.6	.563	14.3	248	369
NW-2718SJ	27	18	.082	2.1	.062	1.6	.658	16.7	332	493
NW-3718SJ	37	18	.082	2.1	.062	1.6	.727	18.5	425	633
NW-4818SJ	48	18	.082	2.1	.062	1.6	.817	20.8	532	791
NW-6018SJ	60	18	.082	2.1	.080	2.0	.927	23.6	673	1001
NW-7218SJ	72	18	.082	2.1	.080	2.0	1.009	25.6	788	1173

# CABLED SINGLE CONDUCTORS - NW Series



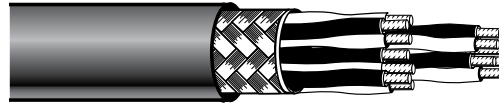
MULTI-CONDUCTOR STOCK CABLES Conductor sizes 22, 20, 18, 16, 14 & 12 gauge. 22 AWG is 7 stranded. All others are 19 strand.

## RoHS COMPLIANT PRODUCTS:

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

NRW SERIES UNSHIELDED - 22, 20 and 18 AWG											NRW SERIES OVERALL BRAIDED SHIELD - 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
NRW-722J	7	22	.064	1.6	.062	1.6	.320	8.1	55	82	NRW-722SJ	7	22	.064	1.6	.062	1.6	.340	8.6	71	106
NRW-1222J	12	22	.064	1.6	.062	1.6	.394	10.1	82	123	NRW-1222SJ	12	22	.064	1.6	.062	1.6	.414	10.5	103	153
NRW-1922J	19	22	.064	1.6	.062	1.6	.448	11.4	114	170	NRW-1922SJ	19	22	.064	1.6	.062	1.6	.473	12.0	148	220
NRW-2722J	27	22	.064	1.6	.062	1.6	.522	13.3	152	227	NRW-2722SJ	27	22	.064	1.6	.062	1.6	.547	13.9	193	287
NRW-3722J	37	22	.064	1.6	.062	1.6	.576	14.6	195	291	NRW-3722SJ	37	22	.064	1.6	.062	1.6	.601	15.3	241	359
NRW-4822J	48	22	.064	1.6	.062	1.6	.646	16.4	244	363	NRW-4822SJ	48	22	.064	1.6	.062	1.6	.672	17.0	296	441
NRW-6022J	60	22	.064	1.6	.062	1.6	.704	17.9	295	438	NRW-6022SJ	60	22	.064	1.6	.062	1.6	.729	18.5	353	525
NRW-7222J	72	22	.064	1.6	.062	1.6	.768	19.5	346	515	NRW-7222SJ	72	22	.064	1.6	.062	1.6	.793	20.1	410	610
NRW-8822J	82	22	.064	1.6	.080	2.0	.868	22.0	441	656	NRW-8822SJ	88	22	.064	1.6	.080	2.0	.893	22.7	512	761
NRW-10222J	102	22	.064	1.6	.080	2.0	.932	23.7	502	747	NRW-10222SJ	102	22	.064	1.6	.080	2.0	.957	24.3	579	861
NRW-720J	7	20	.072	1.6	.062	1.6	.344	8.7	71	106	NRW-720SJ	7	20	.072	1.8	.062	1.6	.364	9.2	89	132
NRW-1220J	12	20	.072	1.6	.062	1.6	.428	10.9	109	162	NRW-1220SJ	12	20	.072	1.8	.062	1.6	.448	11.4	132	196
NRW-1920J	19	20	.072	1.6	.062	1.6	.488	12.4	155	230	NRW-1920SJ	19	20	.072	1.8	.062	1.6	.513	13.0	192	286
NRW-2720J	27	20	.072	1.6	.062	1.6	.572	14.5	209	311	NRW-2720SJ	27	20	.072	1.8	.062	1.6	.597	15.2	255	379
NRW-3720J	37	20	.072	1.6	.062	1.6	.632	16.1	272	405	NRW-3720SJ	37	20	.072	1.8	.062	1.6	.657	16.7	323	481
NRW-4820J	48	20	.072	1.6	.062	1.6	.711	18.1	342	509	NRW-4820SJ	48	20	.072	1.8	.062	1.6	.736	18.7	401	597
NRW-6020J	60	20	.072	1.6	.062	1.6	.776	19.7	417	620	NRW-6020SJ	60	20	.072	1.8	.062	1.6	.801	20.4	482	716
NRW-7220J	72	20	.072	1.6	.080	2.0	.884	22.5	521	775	NRW-7220SJ	72	20	.072	1.8	.080	2.0	.909	23.1	593	883
NRW-8820J	88	20	.072	1.6	.080	2.0	.956	24.3	621	924	NRW-8820SJ	88	20	.072	1.8	.080	2.0	.981	24.9	700	1042
NRW-10220J	102	20	.072	1.6	.080	2.0	1.028	26.1	710	1056	NRW-10220SJ	102	20	.072	1.8	.080	2.0	1.053	26.8	796	1184
NRW-718J	7	18	.082	2.1	.062	1.6	.374	9.5	91	136	NRW-718SJ	7	18	.082	2.1	.062	1.6	.394	10.0	111	165
NRW-1218J	12	18	.082	2.1	.062	1.6	.469	11.9	142	211	NRW-1218SJ	12	18	.082	2.1	.062	1.6	.494	12.6	178	265
NRW-1918J	19	18	.082	2.1	.062	1.6	.538	13.7	206	306	NRW-1918SJ	19	18	.082	2.1	.062	1.6	.563	14.3	248	369
NRW-2718J	27	18	.082	2.1	.062	1.6	.633	16.01	280	417	NRW-2718SJ	27	18	.082	2.1	.062	1.6	.658	16.7	332	493
NRW-3718J	37	18	.082	2.1	.062	1.6	.702	17.8	368	547	NRW-3718SJ	37	18	.082	2.1	.062	1.6	.727	18.5	425	633
NRW-4818J	48	18	.082	2.1	.062	1.6	.792	20.1	465	692	NRW-4818SJ	48	18	.082	2.1	.062	1.6	.817	20.8	532	791
NRW-6018J	60	18	.082	2.1	.080	2.0	.92	22.9	599	891	NRW-6018SJ	60	18	.082	2.1	.080	2.0	.927	23.6	673	1001
NRW-7218J	72	18	.082	2.1	.080	2.0	.984	25.0	706	1051	NRW-7218SJ	72	18	.082	2.1	.080	2.0	1.009	25.6	788	1173

# CABLED SINGLE CONDUCTORS



## Heavy Duty

- Single Conductors (NW 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 NWC table below for UL/CSA.

NW SERIES UNSHIELDED - 16, 14 and 12 AWG										
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
NW-716J	7	16	.091	2.3	.062	1.6	.401	10.2	108	161
NW-1216J	12	16	.091	2.3	.062	1.6	.507	12.9	170	253
NW-1916J	19	16	.091	2.3	.062	1.6	.583	14.8	248	369
NW-2716J	27	16	.091	2.3	.062	1.6	.689	17.5	339	504
NW-3716J	37	16	.091	2.3	.062	1.6	.765	19.4	446	664
NW-4816J	48	16	.091	2.3	.080	2.0	.901	22.9	576	857
NW-6016J	60	16	.091	2.3	.080	2.0	.983	25.0	720	1071
NW-714J	7	14	.105	2.7	.062	1.6	.443	11.2	146	217
NW-1214J	12	14	.105	2.7	.062	1.6	.565	14.3	233	347
NW-1914J	19	14	.105	2.7	.062	1.6	.653	16.6	345	513
NW-2714J	27	14	.105	2.7	.062	1.6	.775	19.7	476	708
NW-512J	5	12	.124	3.1	.062	1.6	.463	11.7	157	234
NW-712J	7	12	.124	3.1	.062	1.6	.500	12.7	205	305
NW-1212J	12	12	.124	3.1	.062	1.6	.644	16.4	332	494
NW-1912J	19	12	.124	3.1	.062	1.6	.748	19.0	499	743

NW SERIES OVERALL SHIELDED - 16, 14 and 12 AWG										
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
NW-716SJ	7	16	.091	2.3	.062	1.6	.421	10.7	129	192
NW-1216SJ	12	16	.091	2.3	.062	1.6	.532	13.5	209	311
NW-1916SJ	19	16	.091	2.3	.062	1.6	.608	15.4	294	437
NW-2716SJ	27	16	.091	2.3	.062	1.6	.714	18.1	395	588
NW-3716SJ	37	16	.091	2.3	.062	1.6	.790	20.0	510	759
NW-4816SJ	48	16	.091	2.3	.080	2.0	.926	23.5	670	997
NW-6016SJ	60	16	.091	2.3	.080	2.0	1.008	25.6	808	1202
NW-714SJ	7	14	.105	2.7	.062	1.6	.468	11.9	175	260
NW-1214SJ	12	14	.105	2.7	.062	1.6	.590	15.0	270	402
NW-1914SJ	19	14	.105	2.7	.062	1.6	.678	17.2	399	594
NW-2714SJ	27	14	.105	2.7	.062	1.6	.805	20.4	530	789
NW-512SJ	5	12	.124	3.1	.062	1.6	.488	12.4	192	286
NW-712SJ	7	12	.124	3.1	.062	1.6	.525	13.3	244	363
NW-1212SJ	12	12	.124	3.1	.062	1.6	.669	17.0	385	573
NW-1912SJ	19	12	.124	3.1	.062	1.6	.773	19.6	562	836

The following cables in 16-12 gauge are similar to NW series but utilize materials to qualify for CSA certification for AWM *II* A/B 105°C service at 300 volts as well as styles 2343 and 2344. Items below are not stocked and are subject to minimum run quantities.

NWC SERIES UNSHIELDED - 16, 14 and 12 AWG										
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
NWC-716J	7	16	.091	2.3	.062	1.6	.401	10.2	108	161
NWC-1216J	12	16	.091	2.3	.062	1.6	.507	12.9	170	253
NWC-1916J	19	16	.091	2.3	.062	1.6	.583	14.8	248	369
NWC-2716J	27	16	.091	2.3	.062	1.6	.689	17.5	339	504
NWC-3716J	37	16	.091	2.3	.062	1.6	.765	19.4	446	664
NWC-4816J	48	16	.091	2.3	.080	2.0	.901	22.9	576	857
NWC-6016J	60	16	.091	2.3	.080	2.0	.983	25.0	720	1071
NWC-714J	7	14	.105	2.7	.062	1.6	.443	11.2	146	217
NWC-1214J	12	14	.105	2.7	.062	1.6	.565	14.3	233	347
NWC-1914J	19	14	.105	2.7	.062	1.6	.653	16.6	345	513
NWC-2714J	27	14	.105	2.7	.062	1.6	.775	19.7	476	708
NWC-512J	5	12	.124	3.1	.062	1.6	.463	11.7	157	234
NWC-712J	7	12	.124	3.1	.062	1.6	.500	12.7	205	305
NWC-1212J	12	12	.124	3.1	.062	1.6	.644	16.4	332	494
NWC-1912J	19	12	.124	3.1	.062	1.6	.748	19.0	499	743

NWC SERIES OVERALL SHIELDED - 16, 14 and 12 AWG										
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
NWC-716SJ	7	16	.091	2.3	.062	1.6	.421	10.7	129	192
NWC-1216SJ	12	16	.091	2.3	.062	1.6	.532	13.5	209	311
NWC-1916SJ	19	16	.091	2.3	.062	1.6	.608	15.4	294	437
NWC-2716SJ	27	16	.091	2.3	.062	1.6	.714	18.1	395	588
NWC-3716SJ	37	16	.091	2.3	.062	1.6	.790	20.0	510	759
NWC-4816SJ	48	16	.091	2.3	.062	1.6	.926	23.5	670	997
NWC-6016SJ	60	16	.091	2.3	.062	1.6	1.008	25.6	808	1202
NWC-714SJ	7	14	.105	2.7	.062	1.6	.468	11.9	175	260
NWC-1214SJ	12	14	.105	2.7	.062	1.6	.590	15.0	270	402
NWC-1914SJ	19	14	.105	2.7	.062	1.6	.678	17.2	399	594
NWC-2714SJ	27	14	.105	2.7	.062	1.6	.805	20.4	530	789
NWC-512SJ	5	12	.124	3.1	.062	1.6	.488	12.4	192	286
NWC-712SJ	7	12	.124	3.1	.062	1.6	.525	13.3	244	363
NWC-1212SJ	12	12	.124	3.1	.062	1.6	.669	17.0	385	573
NWC-1912SJ	19	12	.124	3.1	.062	1.6	.773	19.6	562	836

### UL/CSA -- CONDUCTOR SIZE & STRANDING

16 AWG (26 x 30)

14 AWG (41 x 30)

12 AWG (65 x 30)

# CABLED SINGLE CONDUCTORS - NW Series



## RoHS COMPLIANT PRODUCTS:

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

NRW SERIES UNSHIELDED - 16, 14 and 12 AWG										NRW 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				Inches	MM	Inches	MM	Inches	MM	Inches	MM
NRW-716J	7	16	.091	2.3	.062	1.6	.401	10.2	108	161	NRW-716SJ	7	16	.091	2.3	.062	1.6	.421	10.7	129	192
NRW-1216J	12	16	.091	2.3	.062	1.6	.507	12.9	170	253	NRW-1216SJ	12	16	.091	2.3	.062	1.6	.532	13.5	209	311
NRW-1916J	19	16	.091	2.3	.062	1.6	.583	14.8	248	369	NRW-1916SJ	19	16	.091	2.3	.062	1.6	.608	15.4	294	437
NRW-2716J	27	16	.091	2.3	.062	1.6	.689	17.5	339	504	NRW-2716SJ	27	16	.091	2.3	.062	1.6	.714	18.1	395	588
NRW-3716J	37	16	.091	2.3	.062	1.6	.765	19.4	446	664	NRW-3716SJ	37	16	.091	2.3	.062	1.6	.790	20.0	510	759
NRW-4816J	48	16	.091	2.3	.080	2.0	.901	22.9	576	857	NRW-4816SJ	48	16	.091	2.3	.080	2.0	.926	23.5	670	997
NRW-6016J	60	16	.091	2.3	.080	2.0	.983	25.0	270	1071	NRW-6016SJ	60	16	.091	2.3	.080	2.0	1.008	25.6	808	1202
NRW-714J	7	14	.105	2.7	.062	1.6	.443	11.2	146	217	NRW-714SJ	7	14	.105	2.7	.062	1.6	.468	11.9	175	260
NRW-1214J	12	14	.105	2.7	.062	1.6	.565	14.3	233	347	NRW-1214SJ	12	14	.105	2.7	.062	1.6	.590	15.0	270	402
NRW-1914J	19	14	.105	2.7	.062	1.6	.653	16.6	345	513	NRW-1914SJ	19	14	.105	2.7	.062	1.6	.678	17.2	399	594
NRW-2714J	27	14	.105	2.7	.062	1.6	.775	19.7	476	708	NRW-2714SJ	27	14	.105	2.7	.062	1.6	.805	20.4	530	789
NRW-512J	5	12	.124	3.1	.062	1.6	.463	11.7	157	234	NRW-512SJ	5	12	.124	3.1	.062	1.6	.488	12.4	192	286
NRW-712J	7	12	.124	3.1	.062	1.6	.500	12.7	205	305	NRW-712SJ	7	12	.124	3.1	.062	1.6	.525	13.3	244	363
NRW-1212J	12	12	.124	3.1	.062	1.6	.644	16.4	332	494	NRW-1212SJ	12	12	.124	3.1	.062	1.6	.669	17.0	385	573
NRW-1912J	19	12	.124	3.1	.062	1.6	.748	19.0	499	743	NRW-1912SJ	19	12	.124	3.1	.062	1.6	.773	19.6	562	836

The following cables in 16-12 gauge are similar to NW series but utilize materials to qualify for CSA certification for AWM II A/B 105°C service at 300 volts as well as styles 2343 and 2344. Items below are not stocked and are subject to minimum run quantities.

NRWC SERIES UNSHIELDED - 16, 14 and 12 AWG										NRWC 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				Inches	MM	Inches	MM	Inches	MM	Inches	MM
NRWC-716J	7	16	.091	2.3	.062	1.6	.401	10.2	108	161	NRWC-716SJ	7	16	.091	2.3	.062	1.6	.421	10.7	129	192
NRWC-1216J	12	16	.091	2.3	.062	1.6	.507	12.9	170	253	NRWC-1216SJ	12	16	.091	2.3	.062	1.6	.532	13.5	209	311
NRWC-1916J	19	16	.091	2.3	.062	1.6	.583	14.8	248	369	NRWC-1916SJ	19	16	.091	2.3	.062	1.6	.608	15.4	294	437
NRWC-2716J	27	16	.091	2.3	.062	1.6	.689	17.5	339	504	NRWC-2716SJ	27	16	.091	2.3	.062	1.6	.714	18.1	395	588
NRWC-3716J	37	16	.091	2.3	.062	1.6	.765	19.4	446	664	NRWC-3716SJ	37	16	.091	2.3	.062	1.6	.790	20.0	510	759
NRWC-4816J	48	16	.091	2.3	.080	2.0	.901	22.9	576	857	NRWC-4816SJ	48	16	.091	2.3	.062	1.6	.926	23.5	670	997
NRWC-6016J	60	16	.091	2.3	.080	2.0	.983	25.0	720	1071	NRWC-6016SJ	60	16	.091	2.3	.062	1.6	1.008	25.6	808	1202
NRWC-714J	7	14	.105	2.7	.062	1.6	.443	11.2	146	217	NRWC-714SJ	7	14	.105	2.7	.062	1.6	.468	11.9	175	260
NRWC-1214J	12	14	.105	2.7	.062	1.6	.565	14.3	233	347	NRWC-1214SJ	12	14	.105	2.7	.062	1.6	.590	15.0	270	402
NRWC-1914J	19	14	.105	2.7	.062	1.6	.653	16.6	345	513	NRWC-1914SJ	19	14	.105	2.7	.062	1.6	.678	17.2	399	594
NRWC-2714J	27	14	.105	2.7	.062	1.6	.775	19.7	476	708	NRWC-2714SJ	27	14	.105	2.7	.062	1.6	.805	20.4	530	789
NRWC-512J	5	12	.124	3.1	.062	1.6	.463	11.7	157	234	NRWC-512SJ	5	12	.124	3.1	.062	1.6	.488	12.4	192	286
NRWC-712J	7	12	.124	3.1	.062	1.6	.500	12.7	205	305	NRWC-712SJ	7	12	.124	3.1	.062	1.6	.525	13.3	244	363
NRWC-1212J	12	12	.124	3.1	.062	1.6	.644	16.4	332	494	NRWC-1212SJ	12	12	.124	3.1	.062	1.6	.669	17.0	385	573
NRWC-1912J	19	12	.124	3.1	.062	1.6	.748	19.0	499	743	NRWC-1912SJ	19	12	.124	3.1	.062	1.6	.773	19.6	562	836

UL/CSA -- CONDUCTOR SIZE & STRANDING  
 16 AWG (26 x 30)  
 14 AWG (41 x 30)  
 12 AWG (65 x 30)