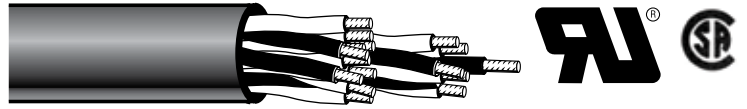


# CABLED SINGLE CONDUCTORS



## NQ SERIES

- Single Conductors
- Mil Spec, U.L. AWM

Recognized Style 2464 and CSA Certified AWM II A/B

### GRAY PVC JACKET

National Wire & Cable Corporation manufactures a complete line of highly flexible micro-miniature low-voltage instrument control cable. These are available as cabled pairs or singles, with optional overall shield of either foil with drain or a braided shield.

Conductors are stranded tinned copper with .010" wall of tough extruded polyvinyl chloride primary insulation, rated for 300 volt use at +80°C under U.L. style 1061\*. All are color coded using ten standard colors plus white with stripes per MIL-STD-681. View Color Table in the National Wire Cable Designers Guide, page 7-13.

Conductors are planetary cabled and helically laid for optimum flexibility, with a barrier under braids. Shielded cables have a tinned copper braid of 90% coverage per MIL-C-7078, with braid angles below 40° for easy pushback; or have 100% coverage foil shield in intimate contact with a drain wire for easy termination.

The outer jacket is highly flexible abrasion-resistant gray polyvinyl chloride thermoplastic, meeting the requirements of U.L. style 2464. The jacket material is military rated for 105°C; meets MIL-I-631, Type F. Meets EIA for RS-232, 18-24 gauges.

Military certification furnished only when requested. All materials are flame retardant and fungus resistant. Standard Putups: 500 and 1000 ft. No-deposit reels. For shorter quantities or specific lengths, consult factory.

\*Wire also meets MIL-W-16878, rated 600 volts, +105°C.

TECHNICAL DATA (ALL CABLES)	
<b>Insulation Breakdown Voltage:</b>	Greater than 3400 volts AC RMS, 60cps.
<b>Capacitance:</b>	Nominal capacitance from a wire to all else in a cable ranges from 25 to 45 pf/ft at 1 kc, depending on gauge and position.
<b>Insulation Leakage:</b>	200 megohms/1000 feet minimum @ 500 VDC from conductor to all else in cable.
<b>Sheath Leakage:</b>	10 megohms/1000 feet minimum @ 500 VDC from shield or conductor group through sheath to ground.
<b>Temperature Range:</b>	U.L. rating: +80°C per U.L. style 2464. Military: Continuous use from -40°C to +105°C.
<b>Bending Characteristics:</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 applications consult the factory.
<b>Foil Shielded Cables:</b>	The nominal over-all diameter of foil shielded cables will be .006" greater than the non-shielded cables of the same conductor count and wire size.
<b>Characteristic Impedance (NQ Paired Cables)</b>	Ranges from 150 ohms to 45 ohms, dependent on wire size (AWG), geometry and drive method. Consult our technical staff for data on specific cable types.

## MULTI-CONDUCTOR STOCK CABLED SINGLES Conductor sizes 28, 26, 24, 22 are 7 strand. All others are 19 strand.

NQ SERIES UNSHIELDED - 28 and 26 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
NQ-228J	2	28	.035	.9	.032	.8	.138	3.5	8	12
NQ-328J	3	28	.035	.9	.032	.8	.144	3.6	10	14
NQ-428J	4	28	.035	.9	.032	.8	.152	3.9	11	17
NQ-528J	5	28	.035	.9	.032	.8	.163	4.1	13	19
NQ-628J	6	28	.035	.9	.032	.8	.173	4.4	14	21
NQ-728J	7	28	.035	.9	.032	.8	.173	4.4	15	23
NQ-828J	8	28	.035	.9	.032	.8	.198	5.0	18	27
NQ-928J	9	28	.035	.9	.032	.8	.208	5.3	20	29
NQ-1028J	10	28	.035	.9	.032	.8	.208	5.3	21	31
NQ-1228J	12	28	.035	.9	.032	.8	.214	5.4	23	34
NQ-1528J	15	28	.035	.9	.032	.8	.233	5.9	27	40
NQ-1928J	19	28	.035	.9	.032	.8	.243	6.2	32	47
NQ-2728J	27	28	.035	.9	.032	.8	.284	7.2	42	63
NQ-3728J	37	28	.035	.9	.032	.8	.313	8.0	54	81
NQ-226J	2	26	.039	1.0	.032	.8	.146	3.7	10	14
NQ-326J	3	26	.039	1.0	.032	.8	.152	3.9	11	17
NQ-426J	4	26	.039	1.0	.032	.8	.162	4.1	13	20
NQ-526J	5	26	.039	1.0	.032	.8	.173	4.4	15	23
NQ-626J	6	26	.039	1.0	.032	.8	.185	4.7	18	26
NQ-726J	7	26	.039	1.0	.032	.8	.185	4.7	19	28
NQ-826J	8	26	.039	1.0	.032	.8	.212	5.4	22	33
NQ-926J	9	26	.039	1.0	.032	.8	.224	5.7	24	36
NQ-1026J	10	26	.039	1.0	.032	.8	.224	5.7	25	38
NQ-1226J	12	26	.039	1.0	.032	.8	.230	5.8	29	43
NQ-1526J	15	26	.039	1.0	.032	.8	.251	6.4	34	51
NQ-1926J	19	26	.039	1.0	.032	.8	.263	6.7	40	60
NQ-2726J	27	26	.039	1.0	.032	.8	.308	7.8	54	81
NQ-3726J	37	26	.039	1.0	.032	.8	.341	8.7	71	105
NQ-4826J	48	26	.039	1.0	.032	.8	.039	9.8	89	132

NQ SERIES OVERALL BRAIDED SHIELD - 28 and 26 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
NQ-228SJ	2	28	.035	.9	.032	.8	.158	4.0	15	22
NQ-328SJ	3	28	.035	.9	.032	.8	.164	4.2	16	24
NQ-428SJ	4	28	.035	.9	.032	.8	.172	4.4	18	27
NQ-528SJ	5	28	.035	.9	.032	.8	.183	4.6	21	31
NQ-628SJ	6	28	.035	.9	.032	.8	.193	4.9	23	34
NQ-728SJ	7	28	.035	.9	.032	.8	.193	4.9	24	36
NQ-828SJ	8	28	.035	.9	.032	.8	.218	5.5	28	42
NQ-928SJ	9	28	.035	.9	.032	.8	.228	5.8	31	45
NQ-1028SJ	10	28	.035	.9	.032	.8	.228	5.8	32	47
NQ-1228SJ	12	28	.035	.9	.032	.8	.234	5.9	34	51
NQ-1528SJ	15	28	.035	.9	.032	.8	.253	6.4	40	59
NQ-1928SJ	19	28	.035	.9	.032	.8	.263	6.7	45	67
NQ-2728SJ	27	28	.035	.9	.032	.8	.304	7.7	50	87
NQ-3728SJ	37	28	.035	.9	.032	.8	.333	8.5	72	108
NQ-226SJ	2	26	.039	1.0	.032	.8	.166	4.2	16	24
NQ-326SJ	3	26	.039	1.0	.032	.8	.172	4.4	19	28
NQ-426SJ	4	26	.039	1.0	.032	.8	.182	4.6	21	32
NQ-526SJ	5	26	.039	1.0	.032	.8	.193	4.9	24	36
NQ-626SJ	6	26	.039	1.0	.032	.8	.205	5.2	27	40
NQ-726SJ	7	26	.039	1.0	.032	.8	.205	5.2	28	42
NQ-826SJ	8	26	.039	1.0	.032	.8	.232	5.9	33	50
NQ-926SJ	9	26	.039	1.0	.032	.8	.244	6.2	36	54
NQ-1026SJ	10	26	.039	1.0	.032	.8	.244	6.2	38	56
NQ-1226SJ	12	26	.039	1.0	.032	.8	.250	6.4	41	61
NQ-1526SJ	15	26	.039	1.0	.032	.8	.271	6.9	48	72
NQ-1926SJ	19	26	.039	1.0	.032	.8	.283	7.2	55	82
NQ-2726SJ	27	26	.039	1.0	.032	.8	.320	8.3	72	108
NQ-3726SJ	37	26	.039	1.0	.032	.8	.361	9.2	91	135
NQ-4826SJ	48	26	.039	1.0	.032	.8	.409	10.4	120	179

# CABLED SINGLE CONDUCTORS - NQ series



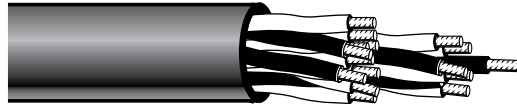
MULTI-CONDUCTOR STOCK CABLED SINGLES Conductor sizes 28, 26, 24, 22 are 7 strand. All others are 19 strand.

## RoHS COMPLIANT PRODUCTS:

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

NRQ SERIES UNSHIELDED - 28 and 26 AWG											NRQ SERIES OVERALL BRAIDED SHIELD - 28 and 26 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
NRQ-228J	2	28	.035	.9	.032	.8	.138	3.5	8	12	NRQ-228SJ	2	28	.035	.9	.032	.8	.158	4.0	15	22
NRQ-328J	3	28	.035	.9	.032	.8	.144	3.6	10	14	NRQ-328SJ	3	28	.035	.9	.032	.8	.164	4.2	16	24
NRQ-428J	4	28	.035	.9	.032	.8	.152	3.9	11	17	NRQ-428SJ	4	28	.035	.9	.032	.8	.172	4.4	18	27
NRQ-528J	5	28	.035	.9	.032	.8	.163	4.1	13	19	NRQ-528SJ	5	28	.035	.9	.032	.8	.183	4.6	21	31
NRQ-628J	6	28	.035	.9	.032	.8	.173	4.4	14	21	NRQ-628SJ	6	28	.035	.9	.032	.8	.193	4.9	23	34
NRQ-728J	7	28	.035	.9	.032	.8	.173	4.4	15	23	NRQ-728SJ	7	28	.035	.9	.032	.8	.193	4.9	24	36
NRQ-828J	8	28	.035	.9	.032	.8	.198	5.0	18	27	NRQ-828SJ	8	28	.035	.9	.032	.8	.218	5.5	28	42
NRQ-928J	9	28	.035	.9	.032	.8	.208	5.3	20	29	NRQ-928SJ	9	28	.035	.9	.032	.8	.228	5.8	31	45
NRQ-1028J	10	28	.035	.9	.032	.8	.208	5.3	21	31	NRQ1028SJ	10	28	.035	.9	.032	.8	.228	5.8	32	47
NRQ-1228J	12	28	.035	.9	.032	.8	.214	5.4	23	34	NRQ1228SJ	12	28	.035	.9	.032	.8	.234	5.9	34	51
NRQ-1528J	15	28	.035	.9	.032	.8	.233	5.9	27	40	NRQ1528SJ	15	28	.035	.9	.032	.8	.253	6.4	40	59
NRQ-1928J	19	28	.035	.9	.032	.8	.243	6.2	32	47	NRQ1928SJ	19	28	.035	.9	.032	.8	.263	6.7	45	67
NRQ-2728J	27	28	.035	.9	.032	.8	.284	7.2	42	63	NRQ2728SJ	27	28	.035	.9	.032	.8	.304	7.7	50	87
NRQ-3728J	37	28	.035	.9	.032	.8	.313	8.0	54	81	NRQ3728SJ	37	28	.035	.9	.032	.8	.333	8.5	72	108
NRQ-226J	2	26	.039	1.0	.032	.8	.146	3.7	10	14	NRQ-226SJ	2	26	.039	1.0	.032	.8	.166	4.2	16	24
NRQ-326J	3	26	.039	1.0	.032	.8	.152	3.9	11	17	NRQ-326SJ	3	26	.039	1.0	.032	.8	.172	4.4	19	28
NRQ-426J	4	26	.039	1.0	.032	.8	.162	4.1	13	20	NRQ-426SJ	4	26	.039	1.0	.032	.8	.182	4.6	21	32
NRQ-526J	5	26	.039	1.0	.032	.8	.173	4.4	15	23	NRQ-526SJ	5	26	.039	1.0	.032	.8	.193	4.9	24	36
NRQ-626J	6	26	.039	1.0	.032	.8	.185	4.7	18	26	NRQ-626SJ	6	26	.039	1.0	.032	.8	.205	5.2	27	40
NRQ-726J	7	26	.039	1.0	.032	.8	.185	4.7	19	28	NRQ-726SJ	7	26	.039	1.0	.032	.8	.205	5.2	28	42
NRQ-826J	8	26	.039	1.0	.032	.8	.212	5.4	22	33	NRQ-826SJ	8	26	.039	1.0	.032	.8	.232	5.9	33	50
NRQ-926J	9	26	.039	1.0	.032	.8	.224	5.7	24	36	NRQ-926SJ	9	26	.039	1.0	.032	.8	.244	6.2	36	54
NRQ-1026J	10	26	.039	1.0	.032	.8	.224	5.7	25	38	NRQ1026SJ	10	26	.039	1.0	.032	.8	.244	6.2	38	56
NRQ-1226J	12	26	.039	1.0	.032	.8	.230	5.8	29	43	NRQ1226SJ	12	26	.039	1.0	.032	.8	.250	6.4	41	61
NRQ-1526J	15	26	.039	1.0	.032	.8	.251	6.4	34	51	NRQ1526SJ	15	26	.039	1.0	.032	.8	.271	6.9	48	72
NRQ-1926J	19	26	.039	1.0	.032	.8	.263	6.7	40	60	NRQ1926SJ	19	26	.039	1.0	.032	.8	.283	7.2	55	82
NRQ-2726J	27	26	.039	1.0	.032	.8	.308	7.8	54	81	NRQ2726SJ	27	26	.039	1.0	.032	.8	.320	8.3	72	108
NRQ-3726J	37	26	.039	1.0	.032	.8	.341	8.7	71	105	NRQ-3726SJ	37	26	.039	1.0	.032	.8	.361	9.2	91	135
NRQ-4826J	48	26	.039	1.0	.032	.8	.039	9.8	89	132	NRQ4826SJ	48	26	.039	1.0	.032	.8	.409	10.4	120	179

# CABLED SINGLE CONDUCTORS



**MULTI-CONDUCTOR STOCK CABLED SINGLES** Conductor sizes 28, 26, 24, 22 are 7 strand. All others are 19 strand.

NQ SERIES UNSHEILD - 24, 22, 20 and 18 AWG											NQ SERIES OVERALL BRAIDED SHIELD - 24, 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
NQ-224J	2	24	.044	1.1	.032	.8	.156	4.0	11	17	NQ-224SJ	2	24	.044	1.1	.032	.8	.176	4.5	19	28
NQ-324J	3	24	.044	1.1	.032	.8	.163	34.1	14	21	NQ-324SJ	3	24	.044	1.1	.032	.8	.183	4.6	22	32
NQ-424J	4	24	.044	1.1	.032	.8	.174	4.4	17	25	NQ-424SJ	4	24	.044	1.1	.032	.8	.194	4.9	25	37
NQ-524J	5	24	.044	1.1	.032	.8	.187	4.7	19	29	NQ-524SJ	5	24	.044	1.1	.032	.8	.207	5.3	29	43
NQ-624J	6	24	.044	1.1	.032	.8	.200	5.1	22	33	NQ-624SJ	6	24	.044	1.1	.032	.8	.220	5.6	33	49
NQ-724J	7	24	.044	1.1	.032	.8	.200	5.1	24	36	NQ-724SJ	7	24	.044	1.1	.032	.8	.220	5.6	35	52
NQ-824J	8	24	.044	1.1	.032	.8	.231	5.9	28	42	NQ-824SJ	8	24	.044	1.1	.032	.8	.251	6.4	41	60
NQ-924J	9	24	.044	1.1	.032	.8	.244	6.2	31	46	NQ-924SJ	9	24	.044	1.1	.032	.8	.264	6.7	44	66
NQ-1024J	10	24	.044	1.1	.032	.8	.244	6.2	33	49	NQ-1024SJ	10	24	.044	1.1	.032	.8	.264	6.7	46	69
NQ-1224J	12	24	.044	1.1	.032	.8	.251	6.4	37	56	NQ-1224SJ	12	24	.044	1.1	.032	.8	.271	6.9	51	76
NQ-1524J	15	24	.044	1.1	.032	.8	.275	7.0	45	67	NQ-1524SJ	15	24	.044	1.1	.032	.8	.295	7.5	61	90
NQ-1924J	19	24	.044	1.1	.032	.8	.288	7.3	54	80	NQ-1924SJ	19	24	.044	1.1	.032	.8	.308	7.8	70	105
NQ-2724J	27	24	.044	1.1	.032	.8	.339	8.6	73	109	NQ-2724SJ	27	24	.044	1.1	.032	.8	.359	9.1	93	139
NQ-3724J	37	24	.044	1.1	.032	.8	.376	9.6	96	142	NQ-3724SJ	37	24	.044	1.1	.032	.8	.401	10.2	127	189
NQ-4824J	48	24	.044	1.1	.032	.8	.424	10.8	121	180	NQ-4824SJ	48	24	.044	1.1	.032	.8	.450	11.4	157	233
NQ-6024J	60	24	.044	1.1	.032	.8	.464	11.8	148	220	NQ-6024SJ	60	24	.044	1.1	.032	.8	.489	12.4	187	278
NQ-222J	2	22	.050	1.3	.032	.8	.168	4.3	14	21	NQ-222SJ	2	22	.050	1.3	.032	.8	.188	4.8	22	33
NQ-322J	3	22	.050	1.3	.032	.8	.176	4.5	17	26	NQ-322SJ	3	22	.050	1.3	.032	.8	.196	5.0	26	39
NQ-422J	4	22	.050	1.3	.032	.8	.188	4.8	21	31	NQ-422SJ	4	22	.050	1.3	.032	.8	.208	5.3	31	46
NQ-522J	5	22	.050	1.3	.032	.8	.203	5.2	25	37	NQ-522SJ	5	22	.050	1.3	.032	.8	.223	5.7	35	53
NQ-622J	6	22	.050	1.3	.032	.8	.218	5.5	29	43	NQ-622SJ	6	22	.050	1.3	.032	.8	.238	6.0	40	60
NQ-722J	7	22	.050	1.3	.032	.8	.218	5.5	32	47	NQ-722SJ	7	22	.050	1.3	.032	.8	.238	6.0	43	64
NQ-822J	8	22	.050	1.3	.032	.8	.253	6.4	37	54	NQ-822SJ	8	22	.050	1.3	.032	.8	.273	6.9	51	75
NQ-922J	9	22	.050	1.3	.032	.8	.268	6.8	40	60	NQ-922SJ	9	22	.050	1.3	.032	.8	.288	7.3	56	83
NQ-1022J	10	22	.050	1.3	.032	.8	.268	6.8	43	64	NQ-1022SJ	10	22	.050	1.3	.032	.8	.288	7.3	58	87
NQ-1222J	12	22	.050	1.3	.032	.8	.276	7.0	50	74	NQ-1222SJ	12	22	.050	1.3	.032	.8	.296	7.5	65	97
NQ-1522J	15	22	.050	1.3	.032	.8	.303	7.7	60	89	NQ-1522SJ	15	22	.050	1.3	.032	.8	.323	8.2	78	115
NQ-1922J	19	22	.050	1.3	.032	.8	.318	8.1	73	108	NQ-1922SJ	19	22	.050	1.3	.032	.8	.338	8.6	91	136
NQ-2722J	27	22	.050	1.3	.032	.8	.376	9.6	100	148	NQ-2722SJ	27	22	.050	1.3	.032	.8	.401	10.2	131	194
NQ-3722J	37	22	.050	1.3	.032	.8	.418	10.6	131	196	NQ-3722SJ	37	22	.050	1.3	.032	.8	.443	11.3	167	248
NQ-4822J	48	22	.050	1.3	.032	.8	.473	12.0	167	248	NQ-4822SJ	48	22	.050	1.3	.032	.8	.498	12.7	207	308
NQ-6022J	60	22	.050	1.3	.032	.8	.518	13.2	205	305	NQ-6022SJ	60	22	.050	1.3	.032	.8	.543	13.8	249	371
NQ-220J	2	20	.058	1.5	.032	.8	.184	4.7	18	27	NQ-220SJ	2	20	.058	1.5	.032	.8	.204	5.2	28	41
NQ-320J	3	20	.058	1.5	.032	.8	.193	4.9	24	35	NQ-320SJ	3	20	.058	1.5	.032	.8	.213	5.4	34	50
NQ-420J	4	20	.058	1.5	.032	.8	.207	5.3	29	44	NQ-420SJ	4	20	.058	1.5	.032	.8	.227	5.8	40	60
NQ-520J	5	20	.058	1.5	.032	.8	.225	5.7	35	52	NQ-520SJ	5	20	.058	1.5	.032	.8	.245	6.2	47	70
NQ-620J	6	20	.058	1.5	.032	.8	.242	6.1	41	61	NQ-620SJ	6	20	.058	1.5	.032	.8	.262	6.7	54	81
NQ-720J	7	20	.058	1.5	.032	.8	.242	6.1	46	68	NQ-720SJ	7	20	.058	1.5	.032	.8	.262	6.7	59	88
NQ-820J	8	20	.058	1.5	.032	.8	.283	7.2	53	78	NQ-820SJ	8	20	.058	1.5	.032	.8	.303	7.7	69	102
NQ-920J	9	20	.058	1.5	.032	.8	.300	7.6	63	94	NQ-920SJ	9	20	.058	1.5	.032	.8	.320	8.1	76	113
NQ-1020J	10	20	.058	1.5	.032	.8	.300	7.6	63	94	NQ-1020SJ	10	20	.058	1.5	.032	.8	.329	8.1	80	120
NQ-1220J	12	20	.058	1.5	.032	.8	.309	7.9	73	109	NQ-1220SJ	12	20	.058	1.5	.032	.8	.329	8.4	91	136
NQ-1520J	15	20	.058	1.5	.032	.8	.341	8.7	89	133	NQ-1520SJ	15	20	.058	1.5	.032	.8	.361	9.2	109	163
NQ-1920J	19	20	.058	1.5	.032	.8	.358	9.1	109	162	NQ-1920SJ	19	20	.058	1.5	.032	.8	.378	9.6	130	194
NQ-2720J	27	20	.058	1.5	.032	.8	.425	10.8	151	225	NQ-2720SJ	27	20	.058	1.5	.032	.8	.450	11.4	187	278
NQ-3720J	37	20	.058	1.5	.032	.8	.474	12.0	201	299	NQ-3720SJ	37	20	.058	1.5	.032	.8	.499	12.7	242	359
NQ-218J	2	18	.068	1.7	.032	.8	.204	5.2	24	36	NQ-218SJ	2	18	.068	1.7	.032	.8	.224	5.7	35	52
NQ-318J	3	18	.068	1.7	.032	.8	.215	5.5	32	47	NQ-318SJ	3	18	.068	1.7	.032	.8	.235	6.0	43	64
NQ-418J	4	18	.068	1.7	.032	.8	.231	5.9	40	59	NQ-418SJ	4	18	.068	1.7	.032	.8	.251	6.4	52	78
NQ-518J	5	18	.068	1.7	.032	.8	.252	6.4	48	71	NQ-518SJ	5	18	.068	1.7	.032	.8	.272	6.9	62	92
NQ-618J	6	18	.068	1.7	.032	.8	.272	6.9	56	83	NQ-618SJ	6	18	.068	1.7	.032	.8	.292	7.4	71	106
NQ-718J	7	18	.068	1.7	.032	.8	.272	6.9	63	94	NQ-718SJ	7	18	.068	1.7	.032	.8	.292	7.4	78	117
NQ-818J	8	18	.068	1.7	.032	.8	.320	8.1	73	108	NQ-818SJ	8	18	.068	1.7	.032	.8	.340	8.6	91	136
NQ-918J	9	18	.068	1.7	.032	.8	.340	8.6	81	120	NQ-918SJ	9	18	.068	1.7	.032	.8	.360	9.1	101	150
NQ-1018J	10	18	.068	1.7	.032	.8	.340	8.6	88	131	NQ-1018SJ	10	18	.068	1.7	.032	.8	.360	9.1	100	161
NQ-1218J	12	18	.068	1.7	.032	.8	.351	8.9	102	152	NQ-1218SJ	12	18	.068	1.7	.032	.8	.371	9.4	123	183
NQ-1518J	15	18	.068	1.7	.032	.8	.388	9.8	126	187	NQ-1518SJ	15	18	.068	1.7	.032	.8	.413	10.5	158	235
NQ-1918J	19	18	.068	1.7	.032	.8	.408	10.4	155	230	NQ-1918SJ	19	18	.068	1.7	.032	.8	.433	11.0	189	281
NQ-2718J	27	18	.068	1.7	.032	.8	.487	12.4	215	320	NQ-2718SJ	27	18	.068	1.7	.032	.8	.512	13.0	257	382

# CABLED SINGLE CONDUCTORS - NQ series



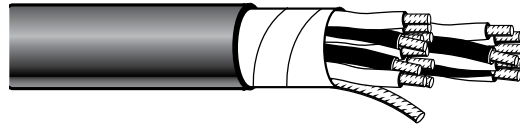
MULTI-CONDUCTOR STOCK CABLED SINGLES Conductor sizes 28, 26, 24, 22 are 7 strand. All others are 19 strand.

## RoHS COMPLIANT PRODUCTS:

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

NRQ SERIES UNSHEILDLED - 24, 22, 20 and 18 AWG											NRQ SERIES OVERALL BRAIDED SHIELD - 24, 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
NRQ-224J	2	24	.044	1.1	.032	.8	.156	4.0	11	17	NRQ-224SJ	2	24	.044	1.1	.032	.8	.176	4.5	19	28
NRQ-324J	3	24	.044	1.1	.032	.8	.163	34.1	14	21	NRQ-324SJ	3	24	.044	1.1	.032	.8	.183	4.6	22	32
NRQ-424J	4	24	.044	1.1	.032	.8	.174	4.4	17	25	NRQ-424SJ	4	24	.044	1.1	.032	.8	.194	4.9	25	37
NRQ-524J	5	24	.044	1.1	.032	.8	.187	4.7	19	29	NRQ-524SJ	5	24	.044	1.1	.032	.8	.207	5.3	29	43
NRQ-624J	6	24	.044	1.1	.032	.8	.200	5.1	22	33	NRQ-624SJ	6	24	.044	1.1	.032	.8	.220	5.6	33	49
NRQ-724J	7	24	.044	1.1	.032	.8	.200	5.1	24	36	NRQ-724SJ	7	24	.044	1.1	.032	.8	.220	5.6	35	52
NRQ-824J	8	24	.044	1.1	.032	.8	.231	5.9	28	42	NRQ-824SJ	8	24	.044	1.1	.032	.8	.251	6.4	41	60
NRQ-924J	9	24	.044	1.1	.032	.8	.244	6.2	31	46	NRQ-924SJ	9	24	.044	1.1	.032	.8	.264	6.7	44	66
NRQ-1024J	10	24	.044	1.1	.032	.8	.244	6.2	33	49	NRQ-1024SJ	10	24	.044	1.1	.032	.8	.264	6.7	46	69
NRQ-1224J	12	24	.044	1.1	.032	.8	.251	6.4	37	56	NRQ-1224SJ	12	24	.044	1.1	.032	.8	.271	6.9	51	76
NRQ-1524J	15	24	.044	1.1	.032	.8	.275	7.0	45	67	NRQ-1524SJ	15	24	.044	1.1	.032	.8	.295	7.5	61	90
NRQ-1924J	19	24	.044	1.1	.032	.8	.288	7.3	54	80	NRQ-1924SJ	19	24	.044	1.1	.032	.8	.308	7.8	70	105
NRQ-2724J	27	24	.044	1.1	.032	.8	.339	8.6	73	109	NRQ-2724SJ	27	24	.044	1.1	.032	.8	.359	9.1	93	139
NRQ-3724J	37	24	.044	1.1	.032	.8	.376	9.6	96	142	NRQ-3724SJ	37	24	.044	1.1	.032	.8	.401	10.2	127	189
NRQ-4824J	48	24	.044	1.1	.032	.8	.424	10.8	121	180	NRQ-4824SJ	48	24	.044	1.1	.032	.8	.450	11.4	157	233
NRQ-6024J	60	24	.044	1.1	.032	.8	.464	11.8	148	220	NRQ-6024SJ	60	24	.044	1.1	.032	.8	.489	12.4	187	278
NRQ-222J	2	22	.050	1.3	.032	.8	.168	4.3	14	21	NRQ-222SJ	2	22	.050	1.3	.032	.8	.188	4.8	22	33
NRQ-322J	3	22	.050	1.3	.032	.8	.176	4.5	17	26	NRQ-322SJ	3	22	.050	1.3	.032	.8	.196	5.0	26	39
NRQ-422J	4	22	.050	1.3	.032	.8	.188	4.8	21	31	NRQ-422SJ	4	22	.050	1.3	.032	.8	.208	5.3	31	46
NRQ-522J	5	22	.050	1.3	.032	.8	.203	5.2	25	37	NRQ-522SJ	5	22	.050	1.3	.032	.8	.223	5.7	35	53
NRQ-622J	6	22	.050	1.3	.032	.8	.218	5.5	29	43	NRQ-622SJ	6	22	.050	1.3	.032	.8	.238	6.0	40	60
NRQ-722J	7	22	.050	1.3	.032	.8	.218	5.5	32	47	NRQ-722SJ	7	22	.050	1.3	.032	.8	.238	6.0	43	64
NRQ-822J	8	22	.050	1.3	.032	.8	.253	6.4	37	54	NRQ-822SJ	8	22	.050	1.3	.032	.8	.273	6.9	51	75
NRQ-922J	9	22	.050	1.3	.032	.8	.268	6.8	40	60	NRQ-922SJ	9	22	.050	1.3	.032	.8	.288	7.3	56	83
NRQ-1022J	10	22	.050	1.3	.032	.8	.268	6.8	43	64	NRQ-1022SJ	10	22	.050	1.3	.032	.8	.288	7.3	58	87
NRQ-1222J	12	22	.050	1.3	.032	.8	.276	7.0	50	74	NRQ-1222SJ	12	22	.050	1.3	.032	.8	.296	7.5	65	97
NRQ-1522J	15	22	.050	1.3	.032	.8	.303	7.7	60	89	NRQ-1522SJ	15	22	.050	1.3	.032	.8	.323	8.2	78	115
NRQ-1922J	19	22	.050	1.3	.032	.8	.318	8.1	73	108	NRQ-1922SJ	19	22	.050	1.3	.032	.8	.338	8.6	91	136
NRQ-2722J	27	22	.050	1.3	.032	.8	.376	9.6	100	148	NRQ-2722SJ	27	22	.050	1.3	.032	.8	.401	10.2	131	194
NRQ-3722J	37	22	.050	1.3	.032	.8	.418	10.6	131	196	NRQ-3722SJ	37	22	.050	1.3	.032	.8	.443	11.3	167	248
NRQ-4822J	48	22	.050	1.3	.032	.8	.473	12.0	167	248	NRQ-4822SJ	48	22	.050	1.3	.032	.8	.498	12.7	207	308
NRQ-6022J	60	22	.050	1.3	.032	.8	.518	13.2	205	305	NRQ-6022SJ	60	22	.050	1.3	.032	.8	.543	13.8	249	371
NRQ-220J	2	20	.058	1.5	.032	.8	.184	4.7	18	27	NRQ-220SJ	2	20	.058	1.5	.032	.8	.204	5.2	28	41
NRQ-320J	3	20	.058	1.5	.032	.8	.193	4.9	24	35	NRQ-320SJ	3	20	.058	1.5	.032	.8	.213	5.4	34	50
NRQ-420J	4	20	.058	1.5	.032	.8	.207	5.3	29	44	NRQ-420SJ	4	20	.058	1.5	.032	.8	.227	5.8	40	60
NRQ-520J	5	20	.058	1.5	.032	.8	.225	5.7	35	52	NRQ-520SJ	5	20	.058	1.5	.032	.8	.245	6.2	47	70
NRQ-620J	6	20	.058	1.5	.032	.8	.242	6.1	41	61	NRQ-620SJ	6	20	.058	1.5	.032	.8	.262	6.7	54	81
NRQ-720J	7	20	.058	1.5	.032	.8	.242	6.1	46	68	NRQ-720SJ	7	20	.058	1.5	.032	.8	.262	6.7	59	88
NRQ-820J	8	20	.058	1.5	.032	.8	.283	7.2	53	78	NRQ-820SJ	8	20	.058	1.5	.032	.8	.303	7.7	69	102
NRQ-920J	9	20	.058	1.5	.032	.8	.300	7.6	63	94	NRQ-920SJ	9	20	.058	1.5	.032	.8	.320	8.1	76	113
NRQ-1020J	10	20	.058	1.5	.032	.8	.300	7.6	63	94	NRQ-1020SJ	10	20	.058	1.5	.032	.8	.329	8.1	80	120
NRQ-1220J	12	20	.058	1.5	.032	.8	.309	7.9	73	109	NRQ-1220SJ	12	20	.058	1.5	.032	.8	.329	8.4	91	136
NRQ-1520J	15	20	.058	1.5	.032	.8	.341	8.7	89	133	NRQ-1520SJ	15	20	.058	1.5	.032	.8	.361	9.2	109	163
NRQ-1920J	19	20	.058	1.5	.032	.8	.358	9.1	109	162	NRQ-1920SJ	19	20	.058	1.5	.032	.8	.378	9.6	130	194
NRQ-2720J	27	20	.058	1.5	.032	.8	.425	10.8	151	225	NRQ-2720SJ	27	20	.058	1.5	.032	.8	.450	11.4	187	278
NRQ-3720J	37	20	.058	1.5	.032	.8	.474	12.0	201	299	NRQ-3720SJ	37	20	.058	1.5	.032	.8	.499	12.7	242	359
NRQ-218J	2	18	.068	1.7	.032	.8	.204	5.2	24	36	NRQ-218SJ	2	18	.068	1.7	.032	.8	.224	5.7	35	52
NRQ-318J	3	18	.068	1.7	.032	.8	.215	5.5	32	47	NRQ-318SJ	3	18	.068	1.7	.032	.8	.235	6.0	43	64
NRQ-418J	4	18	.068	1.7	.032	.8	.231	5.9	40	59	NRQ-418SJ	4	18	.068	1.7	.032	.8	.251	6.4	52	78
NRQ-518J	5	18	.068	1.7	.032	.8	.252	6.4	48	71	NRQ-518SJ	5	18	.068	1.7	.032	.8	.272	6.9	62	92
NRQ-618J	6	18	.068	1.7	.032	.8	.272	6.9	56	83	NRQ-618SJ	6	18	.068	1.7	.032	.8	.292	7.4	71	106
NRQ-718J	7	18	.068	1.7	.032	.8	.272	6.9	63	94	NRQ-718SJ	7	18	.068	1.7	.032	.8	.292	7.4	78	117
NRQ-818J	8	18	.068	1.7	.032	.8	.320	8.1	73	108	NRQ-818SJ	8	18	.068	1.7	.032	.8	.340	8.6	91	136
NRQ-918J	9	18	.068	1.7	.032	.8	.340	8.6	81	120	NRQ-918SJ	9	18	.068	1.7	.032	.8	.360	9.1	101	150
NRQ-1018J	10	18	.068	1.7	.032	.8	.340	8.6	88	131	NRQ-1018SJ	10	18	.068	1.7	.032	.8	.360	9.1	100	161
NRQ-1218J	12	18	.068	1.7	.032	.8	.351	8.9	102	152	NRQ-1218SJ	12	18	.068	1.7	.032	.8	.371	9.4	123	183
NRQ-1518J	15	18	.068	1.7	.032	.8	.388	9.8	126	187	NRQ-1518SJ	15	18	.068	1.7	.032	.8	.413	10.5	158	235
NRQ-1918J	19	18	.068	1.7	.032	.8	.408	10.4	155	230	NRQ-1918SJ	19	18	.068	1.7	.032	.8	.433	11.0	189	281
NRQ-2718J	27	18	.068	1.7	.032	.8	.487	12.4	215	320	NRQ-2718SJ	27	18	.068	1.7	.032	.8	.512	13.0	257	382

# CABLED SINGLE CONDUCTORS



## NQ SERIES

- Single Conductors
  - Overall Foil Shield with Drain
- U.L. and CSA certification furnished

NQ SERIES OVERALL FOIL SHIELD WITH DRAIN - 28, 26 and 24 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
NQ-228FSJ	2	28	.035	.9	.032	.8	.140	3.6	9	13
NQ-328FSJ	3	28	.035	.9	.032	.8	.146	3.7	10	15
NQ-428FSJ	4	28	.035	.9	.032	.8	.154	3.9	12	18
NQ-528FSJ	5	28	.035	.9	.032	.8	.165	4.2	13	20
NQ-628FSJ	6	28	.035	.9	.032	.8	.175	4.4	15	22
NQ-728FSJ	7	28	.035	.9	.032	.8	.175	4.4	16	24
NQ-828FSJ	8	28	.035	.9	.032	.8	.200	5.1	19	28
NQ-928FSJ	9	28	.035	.9	.032	.8	.210	5.3	20	30
NQ-1028FSJ	10	28	.035	.9	.032	.8	.210	5.3	21	32
NQ-1228FSJ	12	28	.035	.9	.032	.8	.216	5.5	24	35
NQ-1528FSJ	15	28	.035	.9	.032	.8	.235	6.0	28	41
NQ-1928FSJ	19	28	.035	.9	.032	.8	.245	6.2	32	48
NQ-2728FSJ	27	28	.035	.9	.032	.8	.286	7.3	43	64
NQ-3728FSJ	37	28	.035	.9	.032	.8	.315	8.0	55	82
NQ-226FSJ	2	26	.039	1.0	.032	.8	.148	3.8	11	16
NQ-326FSJ	3	26	.039	1.0	.032	.8	.154	3.9	12	18
NQ-426FSJ	4	26	.039	1.0	.032	.8	.164	4.2	14	21
NQ-526FSJ	5	26	.039	1.0	.032	.8	.175	4.5	16	24
NQ-626FSJ	6	26	.039	1.0	.032	.8	.187	4.7	18	28
NQ-726FSJ	7	26	.039	1.0	.032	.8	.187	4.7	20	30
NQ-826FSJ	8	26	.039	1.0	.032	.8	.214	5.4	23	34
NQ-926FSJ	9	26	.039	1.0	.032	.8	.226	5.7	25	37
NQ-1026FSJ	10	26	.039	1.0	.032	.8	.226	5.7	26	39
NQ-1226FSJ	12	26	.039	1.0	.032	.8	.232	5.9	30	44
NQ-1526FSJ	15	26	.039	1.0	.032	.8	.253	6.4	35	52
NQ-1926FSJ	19	26	.039	1.0	.032	.8	.265	6.7	41	62
NQ-2726FSJ	27	26	.039	1.0	.032	.8	.310	7.9	55	82
NQ-3726FSJ	37	26	.039	1.0	.032	.8	.343	8.7	71	106
NQ-4826FSJ	48	26	.039	1.0	.032	.8	.386	9.8	90	133
NQ-224FSJ	2	24	.044	1.1	.032	.8	.158	4.0	13	19
NQ-524FSJ	5	24	.044	1.1	.032	.8	.189	4.8	21	31
NQ-324FSJ	3	24	.044	1.1	.032	.8	.165	4.2	15	23
NQ-424FSJ	4	24	.044	1.1	.032	.8	.176	4.5	18	27
NQ-624FSJ	6	24	.044	1.1	.032	.8	.202	5.1	24	35
NQ-724FSJ	7	24	.044	1.1	.032	.8	.202	5.1	26	38
NQ-824FSJ	8	24	.044	1.1	.032	.8	.233	5.9	30	44
NQ-924FSJ	9	24	.044	1.1	.032	.8	.246	6.2	32	48
NQ-1024FSJ	10	24	.044	1.1	.032	.8	.246	6.2	34	51
NQ-1224FSJ	12	24	.044	1.1	.032	.8	.253	6.4	39	58
NQ-1524FSJ	15	24	.044	1.1	.032	.8	.277	7.0	46	69
NQ-1924FSJ	19	24	.044	1.1	.032	.8	.290	7.4	55	82
NQ-2724FSJ	27	24	.044	1.1	.032	.8	.341	8.7	75	111
NQ-3724FSJ	37	24	.044	1.1	.032	.8	.378	9.6	97	145
NQ-4824FSJ	48	24	.044	1.1	.032	.8	.426	10.8	122	182
NQ-6024FSJ	60	24	.044	1.1	.032	.8	.466	11.8	149	222

NQ SERIES OVERALL FOIL SHIELD WITH DRAIN - 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
NQ-222FSJ	2	22	.050	1.3	.032	.8	.170	4.3	16	24
NQ-322FSJ	3	22	.050	1.3	.032	.8	.178	4.5	20	29
NQ-422FSJ	4	22	.050	1.3	.032	.8	.190	4.8	23	35
NQ-522FSJ	5	22	.050	1.3	.032	.8	.205	5.2	27	40
NQ-622FSJ	6	22	.050	1.3	.032	.8	.220	5.6	31	46
NQ-722FSJ	7	22	.050	1.3	.032	.8	.220	5.6	34	50
NQ-822FSJ	8	22	.050	1.3	.032	.8	.255	6.5	39	58
NQ-922FSJ	9	22	.050	1.3	.032	.8	.270	6.9	43	63
NQ-1022FSJ	10	22	.050	1.3	.032	.8	.270	6.9	46	68
NQ-1222FSJ	12	22	.050	1.3	.032	.8	.278	7.1	52	77
NQ-1522FSJ	15	22	.050	1.3	.032	.8	.305	7.7	62	93
NQ-1922FSJ	19	22	.050	1.3	.032	.8	.320	8.1	75	111
NQ-2722FSJ	27	22	.050	1.3	.032	.8	.378	9.6	102	152
NQ-3722FSJ	37	22	.050	1.3	.032	.8	.420	10.7	134	199
NQ-4822FSJ	48	22	.050	1.3	.032	.8	.475	12.1	169	252
NQ-6022FSJ	60	22	.050	1.3	.032	.8	.520	13.2	207	308
NQ-220FSJ	2	20	.058	1.5	.032	.8	.186	4.7	22	33
NQ-320FSJ	3	20	.058	1.5	.032	.8	.195	5.0	28	41
NQ-420FSJ	4	20	.058	1.5	.032	.8	.209	5.3	33	49
NQ-520FSJ	5	20	.058	1.5	.032	.8	.227	5.8	39	58
NQ-620FSJ	6	20	.058	1.5	.032	.8	.244	6.2	45	66
NQ-720FSJ	7	20	.058	1.5	.032	.8	.244	6.2	49	73
NQ-820FSJ	8	20	.058	1.5	.032	.8	.285	7.2	56	84
NQ-920FSJ	9	20	.058	1.5	.032	.8	.302	7.7	62	93
NQ-1020FSJ	10	20	.058	1.5	.032	.8	.302	7.7	67	100
NQ-1220FSJ	12	20	.058	1.5	.032	.8	.311	7.9	77	114
NQ-1520FSJ	15	20	.058	1.5	.032	.8	.343	8.7	93	138
NQ-1920FSJ	19	20	.058	1.5	.032	.8	.360	9.1	113	168
NQ-2720FSJ	27	20	.058	1.5	.032	.8	.427	10.9	155	230
NQ-3720FSJ	37	20	.058	1.5	.032	.8	.476	12.0	205	305
NQ-218FSJ	2	18	.068	1.7	.032	.8	.206	5.2	30	45
NQ-318FSJ	3	18	.068	1.7	.032	.8	.217	5.5	38	56
NQ-418FSJ	4	18	.068	1.7	.032	.8	.245	5.9	46	68
NQ-518FSJ	5	18	.068	1.7	.032	.8	.254	6.4	54	80
NQ-618FSJ	6	18	.068	1.7	.032	.8	.274	7.0	62	92
NQ-718FSJ	7	18	.068	1.7	.032	.8	.274	7.0	69	102
NQ-818FSJ	8	18	.068	1.7	.032	.8	.322	8.2	79	117
NQ-918FSJ	9	18	.068	1.7	.032	.8	.342	8.7	87	129
NQ-1018FSJ	10	18	.068	1.7	.032	.8	.342	8.7	94	139
NQ-1218FSJ	12	18	.068	1.7	.032	.8	.353	9.0	100	161
NQ-1518FSJ	15	18	.068	1.7	.032	.8	.390	9.9	131	196
NQ-1918FSJ	19	18	.068	1.7	.032	.8	.410	10.4	150	239
NQ-2718FSJ	27	18	.068	1.7	.032	.8	.489	12.4	221	329

# CABLED SINGLE CONDUCTORS - NQ series



## RoHS COMPLIANT PRODUCTS:

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

NRQ SERIES OVERALL FOIL SHIELD WITH DRAIN - 28, 26 and 24 AWG											NRQ SERIES OVERALL FOIL SHIELD WITH DRAIN - 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
NRQ-228FJSJ	2	28	.035	.9	.032	.8	.140	3.6	9	13	NRQ-222FJSJ	2	22	.050	1.3	.032	.8	.170	4.3	16	24
NRQ-328FJSJ	3	28	.035	.9	.032	.8	.146	3.7	10	15	NRQ-322FJSJ	3	22	.050	1.3	.032	.8	.178	4.5	20	29
NRQ-428FJSJ	4	28	.035	.9	.032	.8	.154	3.9	12	18	NRQ-422FJSJ	4	22	.050	1.3	.032	.8	.190	4.8	23	35
NRQ-528FJSJ	5	28	.035	.9	.032	.8	.165	4.2	13	20	NRQ-522FJSJ	5	22	.050	1.3	.032	.8	.205	5.2	27	40
NRQ-628FJSJ	6	28	.035	.9	.032	.8	.175	4.4	15	22	NRQ-622FJSJ	6	22	.050	1.3	.032	.8	.220	5.6	31	46
NRQ-728FJSJ	7	28	.035	.9	.032	.8	.175	4.4	16	24	NRQ-722FJSJ	7	22	.050	1.3	.032	.8	.220	5.6	34	50
NRQ-828FJSJ	8	28	.035	.9	.032	.8	.200	5.1	19	28	NRQ-822FJSJ	8	22	.050	1.3	.032	.8	.255	6.5	39	58
NRQ-928FJSJ	9	28	.035	.9	.032	.8	.210	5.3	20	30	NRQ-922FJSJ	9	22	.050	1.3	.032	.8	.270	6.9	43	63
NRQ-1028FJSJ	10	28	.035	.9	.032	.8	.210	5.3	21	32	NRQ-1022FJSJ	10	22	.050	1.3	.032	.8	.270	6.9	46	68
NRQ-1228FJSJ	12	28	.035	.9	.032	.8	.216	5.5	24	35	NRQ-1222FJSJ	12	22	.050	1.3	.032	.8	.278	7.1	52	77
NRQ-1528FJSJ	15	28	.035	.9	.032	.8	.235	6.0	28	41	NRQ-1522FJSJ	15	22	.050	1.3	.032	.8	.305	7.7	62	93
NRQ-1928FJSJ	19	28	.035	.9	.032	.8	.245	6.2	32	48	NRQ-1922FJSJ	19	22	.050	1.3	.032	.8	.320	8.1	75	111
NRQ-2728FJSJ	27	28	.035	.9	.032	.8	.286	7.3	43	64	NRQ-2722FJSJ	27	22	.050	1.3	.032	.8	.378	9.6	102	152
NRQ-3728FJSJ	37	28	.035	.9	.032	.8	.315	8.0	55	82	NRQ-3722FJSJ	37	22	.050	1.3	.032	.8	.420	10.7	134	199
NRQ-226FJSJ	2	26	.039	1.0	.032	.8	.148	3.8	11	16	NRQ-4822FJSJ	48	22	.050	1.3	.032	.8	.475	12.1	169	252
NRQ-326FJSJ	3	26	.039	1.0	.032	.8	.154	3.9	12	18	NRQ-6022FJSJ	60	22	.050	1.3	.032	.8	.520	13.2	207	308
NRQ-426FJSJ	4	26	.039	1.0	.032	.8	.164	4.2	14	21	NRQ-220FJSJ	2	20	.058	1.5	.032	.8	.186	4.7	22	33
NRQ-526FJSJ	5	26	.039	1.0	.032	.8	.175	4.5	16	24	NRQ-320FJSJ	3	20	.058	1.5	.032	.8	.195	5.0	28	41
NRQ-626FJSJ	6	26	.039	1.0	.032	.8	.187	4.7	18	28	NRQ-420FJSJ	4	20	.058	1.5	.032	.8	.209	5.3	33	49
NRQ-726FJSJ	7	26	.039	1.0	.032	.8	.187	4.7	20	30	NRQ-520FJSJ	5	20	.058	1.5	.032	.8	.227	5.8	39	58
NRQ-826FJSJ	8	26	.039	1.0	.032	.8	.214	5.4	23	34	NRQ-620FJSJ	6	20	.058	1.5	.032	.8	.244	6.2	45	66
NRQ-926FJSJ	9	26	.039	1.0	.032	.8	.226	5.7	25	37	NRQ-720FJSJ	7	20	.058	1.5	.032	.8	.244	6.2	49	73
NRQ-1026FJSJ	10	26	.039	1.0	.032	.8	.226	5.7	26	39	NRQ-820FJSJ	8	20	.058	1.5	.032	.8	.285	7.2	56	84
NRQ-1226FJSJ	12	26	.039	1.0	.032	.8	.232	5.9	30	44	NRQ-920FJSJ	9	20	.058	1.5	.032	.8	.302	7.7	62	93
NRQ-1526FJSJ	15	26	.039	1.0	.032	.8	.253	6.4	35	52	NRQ-1020FJSJ	10	20	.058	1.5	.032	.8	.302	7.7	67	100
NRQ-1926FJSJ	19	26	.039	1.0	.032	.8	.265	6.7	41	62	NRQ-1220FJSJ	12	20	.058	1.5	.032	.8	.311	7.9	77	114
NRQ-2726FJSJ	27	26	.039	1.0	.032	.8	.310	7.9	55	82	NRQ-1520FJSJ	15	20	.058	1.5	.032	.8	.343	8.7	93	138
NRQ-3726FJSJ	37	26	.039	1.0	.032	.8	.343	8.7	71	106	NRQ-1920FJSJ	19	20	.058	1.5	.032	.8	.360	9.1	113	168
NRQ-4826FJSJ	48	26	.039	1.0	.032	.8	.386	9.8	90	133	NRQ-2720FJSJ	27	20	.058	1.5	.032	.8	.427	10.9	155	230
NRQ-224FJSJ	2	24	.044	1.1	.032	.8	.158	4.0	13	19	NRQ-3720FJSJ	37	20	.058	1.5	.032	.8	.476	12.0	205	305
NRQ-524FJSJ	5	24	.044	1.1	.032	.8	.189	4.8	21	31	NRQ-218FJSJ	2	18	.068	1.7	.032	.8	.206	5.2	30	45
NRQ-324FJSJ	3	24	.044	1.1	.032	.8	.165	4.2	15	23	NRQ-318FJSJ	3	18	.068	1.7	.032	.8	.217	5.5	38	56
NRQ-424FJSJ	4	24	.044	1.1	.032	.8	.176	4.5	18	27	NRQ-418FJSJ	4	18	.068	1.7	.032	.8	.245	5.9	46	68
NRQ-624FJSJ	6	24	.044	1.1	.032	.8	.202	5.1	24	35	NRQ-518FJSJ	5	18	.068	1.7	.032	.8	.254	6.4	54	80
NRQ-724FJSJ	7	24	.044	1.1	.032	.8	.202	5.1	26	38	NRQ-618FJSJ	6	18	.068	1.7	.032	.8	.274	7.0	62	92
NRQ-824FJSJ	8	24	.044	1.1	.032	.8	.233	5.9	30	44	NRQ-718FJSJ	7	18	.068	1.7	.032	.8	.274	7.0	69	102
NRQ-924FJSJ	9	24	.044	1.1	.032	.8	.246	6.2	32	48	NRQ-818FJSJ	8	18	.068	1.7	.032	.8	.322	8.2	79	117
NRQ-1024FJSJ	10	24	.044	1.1	.032	.8	.246	6.2	34	51	NRQ-918FJSJ	9	18	.068	1.7	.032	.8	.342	8.7	87	129
NRQ-1224FJSJ	12	24	.044	1.1	.032	.8	.253	6.4	39	58	NRQ-1018FJSJ	10	18	.068	1.7	.032	.8	.342	8.7	94	139
NRQ-1524FJSJ	15	24	.044	1.1	.032	.8	.277	7.0	46	69	NRQ-1218FJSJ	12	18	.068	1.7	.032	.8	.353	9.0	100	161
NRQ-1924FJSJ	19	24	.044	1.1	.032	.8	.290	7.4	55	82	NRQ-1518FJSJ	15	18	.068	1.7	.032	.8	.390	9.9	131	196
NRQ-2724FJSJ	27	24	.044	1.1	.032	.8	.341	8.7	75	111	NRQ-1918FJSJ	19	18	.068	1.7	.032	.8	.410	10.4	150	239
NRQ-3724FJSJ	37	24	.044	1.1	.032	.8	.378	9.6	97	145	NRQ-2718FJSJ	27	18	.068	1.7	.032	.8	.489	12.4	221	329
NRQ-4824FJSJ	48	24	.044	1.1	.032	.8	.426	10.8	122	182											
NRQ-6024FJSJ	60	24	.044	1.1	.032	.8	.466	11.8	149	222											