



Bare Nickel Chromium Resistance Wire 60%

Consolidated
ELECTRONIC WIRE & CABLE

Product Details:

- Solid soft drawn and annealed, Composition: 60% Nickel, 16% Chromium and 24% Iron ASTM B267
- Max. Operating Temp 1148C (2100F), Melting Point 1350C (2462F), Tensile Strength 100-120 KSI
- Yield 45-55 KSI, Elongation 20%, Element resistance at 68F (Ohms), Density .298 lbs/cubic in.
- Nom. Ohms are per foot
- Kits available upon request

Packaging:

- Available on 1/4 lb spool or greater, minimum order quantity may apply
- Available on bulk reels


Color Code:

Custom Colors not available.

- Suitable for electric heating elements or applications that need corrosion resistance

Consolidated Electronic Wire & Cable

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Franklin Park, Illinois 60131

 800-621-4278

 www.conwire.com

Part Number	AWG	Stranding	Plating	Nom. OD (in)	Nom. Ohms	Weight (lb) per 1000'
12 BNC	12	(Solid)	N	.081	.103	18.43
13 BNC	13	(Solid)	N	.072	.130	14.56
14 BNC	14	(Solid)	N	.064	.165	11.50
15 BNC	15	(Solid)	N	.057	.208	9.12
16 BNC	16	(Solid)	N	.051	.262	7.25
17 BNC	17	(Solid)	N	.045	.333	5.69
18 BNC	18	(Solid)	N	.040	.416	4.56
19 BNC	19	(Solid)	N	.036	.524	3.62
20 BNC	20	(Solid)	N	.032	.663	2.86
21 BNC	21	(Solid)	N	.029	.831	2.28
22 BNC	22	(Solid)	N	.025	1.055	1.80
23 BNC	23	(Solid)	N	.023	1.322	1.43
24 BNC	24	(Solid)	N	.020	1.671	1.13
25 BNC	25	(Solid)	N	.018	2.107	.90
26 BNC	26	(Solid)	N	.016	2.667	.71
27 BNC	27	(Solid)	N	.014	3.348	.57
28 BNC	28	(Solid)	N	.013	4.252	.45
29 BNC	29	(Solid)	N	.011	5.286	.36
30 BNC	30	(Solid)	N	.010	6.750	.28
31 BNC	31	(Solid)	N	.009	8.521	.22
32 BNC	32	(Solid)	N	.008	10.547	.18
33 BNC	33	(Solid)	N	.007	13.776	.14
34 BNC	34	(Solid)	N	.006	17.007	.11
35 BNC	35	(Solid)	N	.006	21.524	.09
36 BNC	36	(Solid)	N	.005	27.000	.07
37 BNC	37	(Solid)	N	.005	33.333	.06
38 BNC	38	(Solid)	N	.004	42.188	.04
39 BNC	39	(Solid)	N	.004	55.102	.03
40 BNC	40	(Solid)	N	.003	70.239	.03

Note: All specifications are subjected to change without prior notice.