





# CONTROL CABLE FLEXIBLE WIRE

NYYHY ( 450 / 750 Volts )

Number of Core	Conductor Nominal Area	Conductor Nominal of Wire	Wall Thickness		Overall Diameter Approx.	Weight of Cable	Length	Number of Core	Conductor Nominal Area	Conductor Nominal of Wire	Wall Thickness		Overall Diameter Approx.	Weight of Cable	Length
			Insulation	Sheath							Insulation	Sheath			
-	mm <sup>2</sup>	-	mm	mm	mm	kg/km	m	-	mm <sup>2</sup>	-	mm	mm	mm	kg/km	m
30	0.75	13	0.6	1.6	18.8	432	500	48	0.75	13	0.6	1.6	23.0	637	500
30	1.5	26	0.7	1.6	22.7	692	500	48	1.5	26	0.7	1.8	28.3	1065	500
30	2.5	45	0.8	1.8	26.9	1058	500	48	2.5	45	0.8	1.8	33.2	1598	500
30	4	50	0.9	1.8	31.4	1556	500	48	4	50	0.9	2.0	39.3	2410	500
30	6	75	0.9	1.8	34.6	2078	500	48	6	75	0.9	2.0	43.4	3234	500
32	0.75	13	0.6	1.6	19.5	466	500	52	0.75	13	0.6	1.6	23.6	682	500
32	1.5	26	0.7	1.6	23.5	748	500	52	1.5	26	0.7	1.6	29.1	1142	500
32	2.5	45	0.8	1.6	27.6	1117	500	52	2.5	45	0.8	1.8	33.9	1716	500
32	4	50	0.9	1.8	32.7	1680	500	52	4	50	0.9	2.0	40.4	2592	500
32	6	75	0.9	1.8	36.0	2242	500	52	6	75	0.9	2.0	44.6	3482	250
37	0.75	13	0.6	1.6	20.2	509	500	60	0.75	13	0.6	1.8	25.4	799	500
37	1.5	26	0.7	1.8	24.8	846	500	60	1.5	26	0.7	2.0	31.2	1331	500
37	2.5	45	0.8	1.8	29.0	1263	500	60	2.5	45	0.8	2.0	36.6	2000	500
37	4	50	0.9	1.8	33.9	1868	500	60	4	50	0.9	2.0	42.9	2971	250
37	6	75	0.9	1.8	37.4	2504	500	60	6	75	0.9	2.2	47.8	4044	250
40	0.75	13	0.6	1.6	20.9	548	500	61	0.75	13	0.6	1.8	25.4	802	500
40	1.5	26	0.7	1.8	25.7	912	500	61	1.5	26	0.7	2.0	31.2	1336	500
40	2.5	45	0.8	1.8	30.1	1364	500	61	2.5	45	0.8	2.0	36.6	2010	500
40	4	50	0.9	1.8	35.2	2020	500	61	4	50	0.9	2.0	42.9	2990	250
40	6	75	0.9	2.0	39.2	2746	500	61	6	75	0.9	2.2	47.8	4072	250

Table of Colour Coding :

No.	Code of Colour	No.	Code of Colour	No.	Code of Colour
1	Blue	21	White w/ Blue Stripe	41	Brown w/ Yellow Stripe
2	Black	22	Orange w/ Blue Stripe	42	Violet w/ Yellow Stripe
3	Red	23	Blue w/ Red Stripe	43	Yellow w/ Green Stripe
4	Green	24	Yellow w/ Red Stripe	44	White w/ Green Stripe
5	Yellow	25	Green w/ Red Stripe	45	Orange w/ Green Stripe
6	Grey	26	Grey w/ Red Stripe	46	Blue w/ Brown Stripe
7	White	27	White w/ Red Stripe	47	Green w/ Brown Stripe
8	Brown	28	Blue w/ Black Stripe	48	Yellow w/ Brown Stripe
9	Orange	29	Red w/ Black Stripe	49	Grey w/ Brown Stripe
10	Violet	30	Green w/ Black Stripe	50	White w/ Brown Stripe
11	Light Blue	31	Yellow w/ Black Stripe	51	Orange w/ Brown Stripe
12	Light Red	32	Grey w/ Black Stripe	52	Blue w/ Orange Stripe
13	Light Yellow	33	White w/ Black Stripe	53	White w/ Orange Stripe
14	Light Green	34	Orange w/ Black Stripe	54	Violet w/ Orange Stripe
15	Light Brown	35	Violet w/ Black Stripe	55	Blue w/ White Stripe
16	Light Orange	36	Blue w/ Yellow Stripe	56	Black w/ White Stripe
17	Black w / Blue Stripe	37	Red w/ Yellow Stripe	57	Red w/ White Stripe
18	Red w / Blue Stripe	38	Green w/ Yellow Stripe	58	Green w/ White Stripe
19	Yellow w / Blue Stripe	39	Grey w/ Yellow Stripe	59	Yellow w/ White Stripe
20	Grey w / Blue Stripe	40	White w/ Yellow Stripe	60	Brown w/ White Stripe
				61	Orange w/ White Stripe

## Technical Data



Maximum Conductor Resistance at 20°C

Conductor Size	Plain Annealed Copper Wire
mm <sup>2</sup>	Ohm/km
0.5	33.88
1.5	16.94
2.5	9.788
4	5.944
6	3.963
10	2.305
16	1.536
25	0.922
35	0.658



Minimum Bending Radius Static :

8 x Cable Diameter



Rated Voltage

450/750 Volt



Test Voltage

2500 / 5 V/min