

Multi Core Flexible Plain Copper Conductor, Halogen Free Insulated & ATC (Braided) & Halogen Free Sheathed 300/500V Control Cable

Application

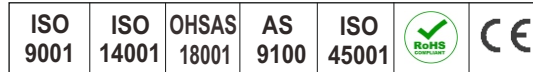
- ✓ Dry interiors.
- ✓ Switch Cabinets.
- ✓ Trains and Buses.

Features

- ✓ Electron Beam Cross Linked insulation.
- ✓ Excellent Flame Retardant.
- ✓ Highly Resistive to Oil and Ozone.
- ✓ Highly short circuit rated and earth fault resistance cable.
- ✓ UV Resistant.

Product Construction

- ✓ Conductor : Bare copper, fine wire conductors, IEC 60228 Class 5
- ✓ Core Insulation : Halogen-free compound
- ✓ Shielding : Screen braid of tinned copper wires (-SB)
- ✓ Outersheath : Halogen-free compound



Technical Data

- ✓ Temperature Range: Fixed : - 40°C to +80°C
- ✓ Test Voltage : 3.0kV
- ✓ Rated Voltage (U₀/U) : 300 / 500V
- ✓ Min. Bending Radius : Fixed : 4 x Cable dia
Flexing : 7.5 x Cable dia



Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3710602	2 X 0.5	5.1	8	43
3710603	3 G 0.5	5.4	13	50
3710603	3 X 0.5	6.0	13	50
3710604	4 G 0.5	6.5	17	60
3710604	4 X 0.5	7.7	17	60
3710605	5 G 0.5	8.3	21	71
3710605	5 X 0.5	9.4	21	71
3710607	7 G 0.5	9.8	30	84
3710608	8 G 0.5	11.0	34	101
3710610	10 G 0.5	11.5	42	121
3710612	12 G 0.5	12.1	51	142
3710616	16 G 0.5	13.3	68	183
3710618	18 G 0.5	13.8	76	204
3710620	20 G 0.5	14.3	84	227
3710625	25 G 0.5	14.8	106	283
3710630	30 G 0.5	19.7	127	324
3710634	34 G 0.5	24.0	144	367
3710637	37 G 0.5	5.5	156	381
3710641	41 G 0.5	5.8	173	417
3710642	42 G 0.5	6.5	177	454
3710650	50 G 0.5	7.1	211	519
3710661	61 G 0.5	8.4	258	635
3710665	65 G 0.5	9.9	274	694
3710802	2 X 0.75	10.2	13	47
3710803	3 G 0.75	10.9	19	56
3710803	3 X 0.75	12.2	19	56
3710804	4 G 0.75	12.9	25	69
3710804	4 X 0.75	13.6	25	69
3710805	5 G 0.75	14.8	32	83
3710805	5 X 0.75	15.9	32	83
3710807	7 G 0.75	16.7	44	114
3710807	7 X 0.75	5.8	44	114
3710808	8 G 0.75	6.3	51	136
3710810	10 G 0.75	6.9	63	172
3710812	12 G 0.75	7.5	76	183
3710816	16 G 0.75	5.4	101	241
3710818	18 G 0.75	5.7	114	266
3710820	20 G 0.75	6.3	127	291
3710825	25 G 0.75	6.8	158	374

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3710830	30 G 0.75	15.7	424	450
3710834	34 G 0.75	16.7	487	517
3710837	37 G 0.75	17.5	515	541
3710841	41 G 0.75	17.9	575	611
3710842	42 G 0.75	17.9	585	621
3710850	50 G 0.75	20.1	699	742
3710861	61 G 0.75	21.2	800	853
3710865	65 G 0.75	21.8	853	909
3711002	2 X 1	5.8	61	63
3711003	3 G 1	6.3	70	74
3711003	3 G 1	6.3	70	74
3711004	4 G 1	6.9	85	90
3711004	4 X 1	6.9	85	90
3711005	5 G 1	7.5	103	109
3711007	7 G 1	8.9	143	151
3711008	8 G 1	9.7	175	184
3711010	10G 1	10.7	212	224
3711012	12 G 1	11.0	229	243
3711016	16 G 1	12.3	295	314
3711018	18 G 1	13.0	340	361
3711020	20 G 1	13.8	364	387
3711025	25 G 1	15.5	467	496
3711034	34 G 1	17.7	631	670
3711037	37 G 1	18.7	670	713
3711041	41 G 1	19.2	736	784
3711042	42 G 1	19.2	776	824
3711050	50 G 1	21.3	894	952
3711061	61 G 1	22.5	1,069	1,140
3711065	65 G 1	23.1	1,687	1,201
3711302	2 X 1.5	6.6	66	70
3711303	3 G 1.5	7.0	89	94
3711303	3 X 1.5	7.0	89	94
3711304	4 G 1.5	7.6	105	112
3711305	5 G 1.5	8.5	132	141
3711307	7 G 1.5	10.0	179	191
3711308	8 G 1.5	10.9	210	224
3711310	10 G 1.5	12.0	265	282
3711312	12 G 1.5	12.4	290	311
3711316	16 G 1.5	13.9	365	392
3711318	18 G 1.5	14.8	419	450
3711320	20 G 1.5	15.5	462	497
3711325	25 G 1.5	18.1	587	630
3711334	34 G 1.5	20.1	783	842
3711337	37 G 1.5	20.5	833	897
3711350	50 G 1.5	24.0	1,190	1,277
3711361	61 G 1.5	25.6	1,355	1,460
3711365	65 G 1.5	26.3	1,499	1,612
3711602	2 X 2.5	7.9	112	118
3711603	3 G 2.5	8.6	142	151
3711604	4 G 2.5	9.4	169	181
3711605	5 G 2.5	10.5	210	224
3711607	7 G 2.5	12.4	296	316
3711608	8 G 2.5	13.5	347	370
3711610	10 G 2.5	15.0	422	451
3711612	12 G 2.5	15.5	464	499
3711616	16 G 2.5	17.8	674	720

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3711618	18 G 2.5	18.4	717	769
3711620	20 G 2.5	19.0	853	911
3711625	25 G 2.5	22.5	975	1,047
3711630	30 G 2.5	24.0	1,193	1,280
3713802	2 X 4	9.5	190	199
3713803	3 G 4	10.2	233	247
3713804	4 G 4	11.3	280	299
3713805	5 G 4	12.4	346	369
3713807	7 G 4	13.6	430	463
3713808	8 G 4	16.2	564	601
3713810	10 G 4	17.6	652	698
3713812	12 G 4	18.6	734	790
3713816	16 G 4	20.5	1,057	1,130
3713818	18 G 4	22.1	1,197	1,280
3712302	2 X 6	11.1	356	266
3712303	3 G 6	12.0	339	360
3712304	4 G 6	13.3	402	429
3712305	5 G 6	14.8	494	529
3712307	7 G 6	16.3	583	631
3712702	2 X 10	14.3	417	440
3712703	3 G 10	15.3	515	550
3712704	4 G 10	17.1	662	708
3712705	5 G 10	19.0	804	862
3712707	7 G 10	20.9	1,043	1,124
3712802	2 X 16	16.8	605	642
3712803	3 G 16	17.9	774	830
3712804	4 G 16	20.0	987	1,060
3712805	5 G 16	22.2	1,178	1,270
3712807	7 G 16	24.7	1,665	1,794
3713003	3 G 25	22.8	1,103	1,190
3713004	4 G 25	25.5	1,479	1,594
3713005	5 G 25	28.2	1,870	2,014
3713203	3 G 35	25.5	1,469	1,590
3713204	4 G 35	28.3	2,038	2,200
3713205	5 G 35	31.3	2,491	2,693
3713403	3 G 50	29.8	2,398	2,571
3713404	4 G 50	33.7	2,856	3,087
3713405	5 G 50	37.5	3,691	3,980
3713703	3 G 70	37.3	2,965	3,207
3713704	4 G 70	41.5	3,754	4,077
3713705	5 G 70	46.3	5,097	5,501
3713803	3 G 95	41.3	4,379	4,708
3713804	4 G 95	46.3	5,151	5,590
3713805	5 G 95	50.8	6,424	6,972
3714103	3 G 120	46.0	5,099	5,515
3714104	4 G 120	50.6	6,546	7,100
3710602	2 X 0.5	6.0	22	46
3710603	3 G 0.5	6.3	29	56
3710603	3 X 0.5	6.3	29	56
3710604	4 G 0.5	6.8	73	62
3710604	4 X 0.5	6.8	33	62
3710605	5 G 0.5	7.3	44	75
3710607	7 G 0.5	8.2	59	98
3710612	12 G 0.5	9.9	92	158
3710618	18 G 0.5	11.5	136	216
3710625	25 G 0.5	13.7	215	315