

## Multi Core Flexible Plain Copper Conductor, Halogen Free Special Polymer Insulated & ATC (-SB) Braided, Separating Foil & Halogen Free Special Polymer Sheathed 300/500V Control Cable

### Application

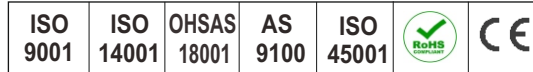
- ✓ Dry interiors.
- ✓ Switch Cabinets.
- ✓ Trains and Buses.

### Features

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

### Product Construction

- ✓ Conductor : Bare copper, super fine wire conductors, IEC 60228 Class 5
- ✓ Core Insulation : Halogen-free special polymer
- ✓ Shielding : Screen braid of tinned copper wires (-SB)
- ✓ Separator : Separating foil (Shielded type)
- ✓ Outersheath : Halogen-free special polymer



### Technical Data

- ✓ Temperature Range:  
Fixed : - 40°C to +90°C  
Flexing : - 30°C to +90°C
- ✓ Test Voltage : 3.0kV
- ✓ Rated Voltage (U<sub>0</sub>/U) : 300/500V
- ✓ Min. Bending Radius :  
Fixed : 4 x Cable dia  
Flexing : 10 x Cable dia



Part Number	Number of Cores and mm <sup>2</sup> Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3720602	2 X 0.5	5.1	43	43
3720603	3 G 0.5	5.4	50	50
3720603	3 X 0.5	5.4	50	50
3720604	4 G 0.5	6.0	60	60
3720604	4 X 0.5	6.0	60	60
3720605	5 G 0.5	6.5	71	71
3720605	5 X 0.5	6.5	71	71
3720607	7 G 0.5	7.7	84	84
3720608	8 G 0.5	8.3	101	101
3720610	10 G 0.5	9.1	121	121
3720612	12 G 0.5	9.4	142	142
3720616	16 G 0.5	10.3	183	183
3720618	18 G 0.5	11.0	204	204
3720620	20 G 0.5	11.5	227	227
3720625	25 G 0.5	13.0	283	283
3720630	30 G 0.5	13.8	324	324
3720634	34 G 0.5	14.8	367	367
3720637	37 G 0.5	15.3	381	381
3720641	41 G 0.5	16.1	417	417
3720642	42 G 0.5	16.1	454	454
3720050	50 G 0.54	18.0	519	519
3720661	61 G 0.5	19.7	635	635
3720065	65 G 0.54	19.7	694	694
3720802	2 X 0.75	5.5	47	47
3720803	3 G 0.75	5.8	56	56
3720803	3 X 0.75	5.8	56	56
3720804	4 G 0.75	6.5	69	69
3720804	4 X 0.75	6.5	69	69
3720805	5 G 0.75	7.1	83	83
3720805	5 X 0.75	7.1	83	83
3720807	7 G 0.75	8.4	114	114
3720807	7 X 0.75	8.4	114	114
3720805	5 G 0.75	9.2	136	136
3720810	10 G 0.75	9.9	172	172
3720812	12 G 0.75	10.2	183	183
3720816	16 G 0.75	10.8	241	241
3720818	18 G 0.75	12.2	266	266
3720820	20 G 0.75	12.9	291	291
3720825	25 G 0.75	14.4	374	374

Part Number	Number of Cores and mm <sup>2</sup> Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3720830	30 G 0.75	15.7	216.0	450
3720834	34 G 0.75	16.7	245.0	517
3720837	37 G 0.75	17.5	260.0	541
3720841	41 G 0.75	17.9	296.0	611
3720842	42 G 0.75	17.9	302.0	621
3720850	50 G 0.75	20.1	360.0	742
3720861	61 G 0.75	21.2	439.0	853
3720865	65 G 0.75	21.8	468.0	909
3721002	2 X 1	5.8	19.2	63
3721003	3 G 1	6.3	29.0	74
3721003	3 G 1	6.3	29.0	74
3721004	4 G 1	6.9	38.4	90
3721004	4 X 1	6.9	38.4	90
3721005	5 G 1	7.5	48.0	109
3721007	7 G 1	8.9	67.0	151
3721008	8 G 1	9.7	77.0	184
3721010	10 G 1	10.7	96.0	224
3721012	12 G 1	11.0	115.0	243
3721016	16 G 1	12.3	154.0	314
3721018	18 G 1	13.0	173.0	361
3721020	20 G 1	13.8	192.0	387
3721025	25 G 1	15.5	240.0	496
3721034	34 G 1	17.7	326.0	670
3721037	37 G 1	18.7	355.0	713
3721041	41 G 1	19.2	394.0	784
3721042	42 G 1	19.2	403.0	824
3721050	50 G 1	21.3	480.0	952
3721061	61 G 1	22.5	586.0	1,140
3721065	65 G 1	23.1	628.0	1,201
3721302	2 X 1.5	6.6	29.0	70
3721303	3 G 1.5	7.0	43.0	94
3721303	3 X 1.5	7.0	43.0	94
3721304	4 G 1.5	7.6	58.0	112
3721305	5 G 1.5	8.5	72.0	141
3721307	7 G 1.5	10.1	101.0	191
3721308	8 G 1.5	10.9	115.0	224
3721310	10 G 1.5	12.0	144.0	282
3721312	12 G 1.5	12.4	173.0	311
3721316	16 G 1.5	13.9	230.0	392
3721318	18 G 1.5	14.8	259.0	450
3721320	20 G 1.5	15.5	288.0	497
3721325	25 G 1.5	18.1	360.0	630
3721334	34 G 1.5	20.1	490.0	842
3721337	37 G 1.5	20.5	533.0	897
3721350	50 G 1.5	24.0	720.0	1,277
3721361	61 G 1.5	25.6	878.0	1,460
3721365	65 G 1.5	26.3	936.0	1,612
3721602	2 X 2.5	7.0	48.0	118
3721603	3 G 2.5	8.6	72.0	151
3721604	4 G 2.5	9.4	96.0	181
3721605	5 G 2.5	10.5	120.0	224
3721607	7 G 2.5	12.4	168.0	316
3721608	8 G 2.5	13.5	192.0	370
3721610	10 G 2.5	15.0	240.0	451
3721612	12 G 2.5	15.5	288.0	499
3721616	16 G 2.5	17.8	384.0	720

Part Number	Number of Cores and mm <sup>2</sup> Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3721618	18 G 2.5	18.4	432.0	769
3721620	20 G 2.5	19.0	480.0	911
3721625	25 G 2.5	22.5	600.0	1,047
3721630	30 G 2.5	24.0	720.0	1,280
3723802	2 X 4	9.5	77.0	199
3723803	3 G 4	10.2	115.0	247
3723804	4 G 4	11.3	154.0	299
3723805	5 G 4	12.4	192.0	369
3723807	7 G 4	13.6	269.0	463
3723808	8 G 4	16.2	307.0	601
3723810	10 G 4	17.6	384.0	698
3723812	12 G 4	18.6	461.0	790
3723816	16 G 4	20.5	614.0	1,130
3723818	18 G 4	22.1	691.0	1,280
3722302	2 X 6	11.1	115.0	266
3722303	3 G 6	12.0	173.0	360
3722304	4 G 6	13.3	230.0	429
3722305	5 G 6	14.8	288.0	529
3722307	7 G 6	16.3	403.0	631
3722702	2 X 10	14.3	192.0	440
3722703	3 G 10	15.3	288.0	550
3722704	4 G 10	17.1	384.0	708
3722705	5 G 10	19.0	480.0	862
3722707	7 G 10	20.9	672.0	1,124
3722802	2 X 16	16.8	307.0	642
3722803	3 G 16	17.9	461.0	830
3722804	4 G 16	20.0	614.0	1,060
3722805	5 G 16	22.2	768.0	1,270
3722807	7 G 16	24.7	1,075.0	1,794
3723003	3 G 25	22.8	720.0	1,190
3723004	4 G 25	25.5	960.0	1,594
3723005	5 G 25	28.2	1,200.0	2,014
3723203	3 G 35	25.5	1,008.0	1,590
3723204	4 G 35	28.3	1,344.0	2,200
3723205	5 G 35	31.3	1,680.0	2,693
3723403	3 G 50	29.8	1,440.0	2,571
3723404	4 G 50	33.7	1,920.0	3,087
3723405	5 G 50	37.5	2,400.0	3,980
3723703	3 G 70	37.3	2,016.0	3,207
3723704	4 G 70	41.5	2,688.0	4,077
3723705	5 G 70	46.3	3,360.0	5,501
3723803	3 G 95	41.3	2,736.0	4,708
3723804	4 G 95	46.3	3,648.0	5,590
3723805	5 G 95	50.8	4,560.0	6,972
3724103	3 G 120	46.0	3,456.0	5,515
3724104	4 G 120	50.6	4,608.0	7,100
3724203	3 G 150	53.0	4,320.0	6,279
3724204	4 G 150	57.3	5,760.0	7,781
3720602	2 X 0.5	6.0	32.1	46
3720603	3 G 0.5	6.3	39.2	56
3720603	3 X 0.5	6.3	39.2	56
3720604	4 G 0.5	6.8	46.1	62
3720604	4 X 0.5	6.8	46.1	62
3720605	5 G 0.5	7.3	52.1	75
3720605	5 X 0.5	7.3	52.1	75
3720607	7 G 0.5	8.2	68.3	98

Part Number	Number of Cores and mm <sup>2</sup> Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3720608	8 G 0.5	8.8	80.0	116
3720610	10 G 0.5	9.6	93.0	135
3720612	12 G 0.5	9.9	117.0	158
3720616	16 G 0.5	11.0	129.0	210
3720618	18 G 0.5	11.5	156.2	216
3720620	20 G 0.5	12.2	173.1	240
3720625	25 G 0.5	13.7	205.5	315
3720802	2 X 0.75	6.4	39.3	60
3720803	3 G 0.75	6.7	49.4	68
3720803	3 X 0.75	6.7	49.4	68
3720804	4 G 0.75	7.2	57.2	78
3720804	4 X 0.75	7.2	57.2	78
3720805	5 G 0.75	7.7	69.0	95
3720805	5 X 0.75	7.7	69.0	95
3720807	7 G 0.75	8.9	87.1	130
3720807	7 X 0.75	8.9	87.1	130
3720808	8 G 0.75	9.7	110.0	145
3720810	10 G 0.75	10.3	140.0	180
3720812	12 G 0.75	10.7	151.2	203
3720816	16 G 0.75	11.9	183.0	275
3720818	18 G 0.75	12.7	207.5	290
3720820	20 G 0.75	132	238.0	320
3720825	25 G 0.75	15.1	275.8	413
3721002	2 X 1	6.7	46.3	66
3721003	3 G 1	7.0	56.4	80
3721003	3 X 1	7.0	56.4	80
3721004	4 G 1	7.6	69.7	100
3721004	4 X 1	7.6	69.7	100
3721005	5 G 1	8.1	85.4	130
3721007	7 G 1	9.4	107.3	160
3721008	8 G 1	10.2	130.0	197
3721010	10 G 1	11.1	140.0	232
3721012	12 G 1	11.5	187.0	260
3721016	16 G 1	12.6	218.0	346
3721018	18 G 1	13.5	253.5	382
3721020	20 G 1	14.1	267.0	440
3721025	25 G 1	16.1	342.6	540
3721302	2 X 1.5	6.9	63.3	88
3721303	3 G 1.5	7.2	76.2	100
3721303	3 X 1.5	7.2	76.2	100
3721304	4 G 1.5	7.8	96.2	125
3721305	5 G 1.5	8.7	111.5	158
3721307	7 G 1.5	10.3	148.0	210
3721308	8 G 1.5	11.4	172.0	244
3721310	10 G 1.5	12.3	193.0	315
3721312	12 G 1.5	12.4	254.5	340
3721316	16 G 1.5	14.7	285.1	424
3721318	18 G 1.5	14.9	367.7	480
3721320	20 G 1.5	16.2	407.1	545
3721325	25 G 1.5	17.9	492.4	702
3721034	34 G 1	17.7	326.0	670
3721037	37 G 1	18.7	355.0	713
3721041	41 G 1	19.2	394.0	784
3721042	42 G 1	19.2	403.0	824
3721050	50 G 1	21.3	480.0	952
3721061	61 G 1	22.5	586.0	1,140

Part Number	Number of Cores and mm <sup>2</sup> Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3721065	65 G 1	23.1	6,268.0	1,201
3721602	2 X 2.5	8.6	96.4	132
3721603	3 G 2.5	9.3	148.0	168
3721604	4 G 2.5	10.1	174.0	195
3721605	5 G 2.5	11.2	200.8	256
3721607	7 G 2.5	13.2	235.6	345
3721608	8 G 2.5	13.4	260.0	390
3721610	10 G 2.5	15.5	335.1	482
3721612	12 G 2.5	16.2	441.0	572
3723802	2 X 4	10.1	135.5	220
3723803	3 G 4	10.9	178.1	251
3723804	4 G 4	11.8	220.3	305
3723805	5 G 4	13.0	328.0	388
3723807	7 G 4	14.3	355.2	504
3722302	2 X 6	11.8	175.3	270
3722303	3 G 6	12.7	240.0	351
3722304	4 G 6	14.1	305.7	464
3722305	5 G 6	16.0	441.8	546
3722307	7 G 6	16.9	506.0	670
3722702	2 X 10	15.2	265.2	461
3722703	3 G 10	16.2	370.5	574
3722704	4 G 10	18.1	486.0	785
3722705	5 G 10	19.9	611.2	914
3722707	7 G 10	21.9	820.5	1,308
3722802	2 X 16	17.5	331.0	670
3722803	3 G 16	19.3	497.0	911
3722804	4 G 16	21.1	810.0	1,105
3722805	5 G 16	23.2	1,050.7	1,293
3722807	7 G 16	25.3	1,183.0	2,149
3723004	4 G 25	26.5	1,280.0	1,911
3723204	4 G 35	30.7	1,690.0	2,542
3723404	4 G 50	34.9	2,315.0	3,550
3723704	4 G 70	41.6	3,020.0	4,939
3723804	4 G 95	46.5	4,013.0	6,690
3724104	4 G 120	51.3	5,067.0	8,453
3724204	4 G 150	59.5	5,792.0	9,104



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