Multi Core Flexible Plain Copper Conductor Halogen Free TPE Insulated, ATC (-SB) Braided & Halogen Free PUR Sheathed 600V Control Cable

Application

- ✓ Used as wiring cables for control in wind turbines.

Features

- ✓ PVC Self Extinguishing
- ✓ Excellent Flame Retardant.
- ✓ Oil Resistant.

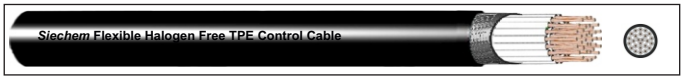
Product Construction

- ✓ Conductor : Flexible Bare Copper Conductor according to IEC 60228, Class 6
- ✓ Insulation : Heat Resistant Special PVC
- ✓ Shield : ATC (-SB)
- ✓ Outersheath : Heat Resistant Special PVC

ISO 9001 | ISO 14001 | OHSAS 18001 | AS 9100 | ISO 45001 | RoHS COMPLIANT | CE

Technical Data

- ✓ Temperature Range:
  Fixed : -40°C to +90°C
  Flexing : -5°C to +90°C (UL /CSA)
- ✓ Rated Voltage : 600 V (UL /CSA)
- ✓ Test Voltage : 3.0 kV
- ✓ Breakdown Voltage : Min. 6.0 kV
- ✓ Min. Bending Radius :
  Fixed : 4 x Cable dia
  Flexing : 7.5 x Cable dia



Part Number	Number of Cores and mm² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3770602	2 X 0.5	6.0	9.6	52
3770603	3 G 0.5	6.4	14.0	63
3770604	4 G 0.5	7.0	19.0	69
3770605	5 G 0.5	7.6	24.0	87
3770607	7 G 0.5	9.1	34.0	119
3770612	12 G 0.5	11.4	58.0	198
3770618	18 G 0.5	13.2	86.0	266
3770625	25 G 0.5	16.3	120.0	380
3770634	34 G 0.5	18.0	163.0	508
3770641	41 G 0.5	19.8	197.0	594
3770650	50 G 0.5	21.6	240.0	715
3770661	61 G 0.5	24.1	293.0	840
3770802	2 G 0.75	6.3	14.4	66
3770803	3 G 0.75	6.8	22.0	76
3770804	4 G 0.75	7.4	29.0	85
3770805	5 G 0.75	8.2	36.0	113
3770807	7 G 0.75	9.8	50.0	144
3770812	12 G 0.75	11.9	86.0	245
3770818	18 G 0.75	14.2	130.0	327
3770825	25 G 0.75	17.4	180.0	466
3770834	34 G 0.75	19.4	245.0	626
3770841	41 G 0.75	21.2	296.0	747
3770850	50 G 0.75	23.3	360.0	896
3770861	61 G 0.75	25.6	439.0	1,070
3771002	2 X 1	6.6	19.2	70
3771003	3 G 1	7.1	29.0	88
3771004	4 G 1	7.8	39.0	99
3771005	5 G 1	8.7	48.0	132
3771007	7 G 1	10.3	67.0	170
3771012	12 G 1	12.8	115.0	285
3771018	18 G 1	15.0	173.0	405
3771025	25 G 1	18.3	240.0	570
3771034	34 G 1	20.6	326.0	742
3771041	41 G 1	22.7	394.0	885
3771050	50 G 1	24.7	480.0	1,071
3771061	61 G 1	27.1	586.0	1,265
3771302	2 X 1.5	7.7	28.8	91
3771303	3 G 1.5	8.3	43.0	110
3771304	4 G 1.5	9.0	58.0	141

Part Number	Number of Cores and mm² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3771305	5 G 1.5	10.1	72.0	167
3771307	7 G 1.5	12.2	101.0	225
3771312	12 G 1.5	14.8	173.0	361
3771318	18 G 1.5	17.7	259.0	518
3771325	25 G 1.5	21.6	360.0	730
3771334	34 G 1.5	24.4	490.0	945
3771341	41 G 1.5	26.5	591.0	1,135
3771350	50 G 1.5	29.1	720.0	1,381
3771361	61 G 1.5	31.8	878.0	1,640
3771602	2 X 2.5	9.5	48.0	125
3771603	3 G 2.5	10.2	72.0	169
3771604	4 G 2.5	11.3	96.0	209
3771605	5 G 2.5	12.3	120.0	256
3771607	7 G 2.5	14.9	168.0	340
3771612	12 G 2.5	18.4	288.0	579
3771618	18 G 2.5	22.4	432.0	851
3771625	25 G 2.5	26.8	600.0	1,175
3771634	34 G 2.5	30.2	916.0	1,529
3771650	50 G 2.5	35.5	1,200.0	2,290
3771661	61 G 2.5	38.7	1,464.0	2,724
3770602	2 X 0.5	8.0	30.0	90
3770603	3 G 0.5	8.6	42.0	105
3770604	4 G 0.5	9.2	51.0	123
3770605	5 G 0.5	10.0	56.0	147
3770607	7 G 0.5	11.5	75.0	195
3770612	12 G 0.5	13.9	124.0	276
3770618	18 G 0.5	15.7	166.0	418
3770625	25 G 0.5	18.9	196.0	504
3770634	34 G 0.5	21.1	242.0	632
3770641	41 G 0.5	22.9	351.0	750
3770650	50 G 0.5	25.1	398.0	968
3770661	61 G 0.5	26.3	447.0	1,068
3770802	2 X 0.75	8.3	41.0	101
3770803	3 G 0.75	8.9	50.0	127
3770804	4 G 0.75	9.7	61.0	155
3770805	5 G 0.75	10.4	73.0	180
3770807	7 G 0.75	12.2	93.0	225
3770812	12 G 0.75	14.5	155.0	326
3770818	18 G 0.75	16.9	211.0	457
3770825	25 G 0.75	20.3	278.0	635
3770834	34 G 0.75	22.7	360.0	805
3770841	41 G 0.75	24.3	454.0	908
3770850	50 G 0.75	26.5	541.0	1,155
3770861	61 G 0.75	30.3	628.0	1,400
3771002	2 X 1	8.8	48.0	113
3771003	3 G 1	9.5	61.0	144
3771004	4 G 1	10.1	76.0	178
3771005	5 G 1	11.0	85.0	205
3771007	7 G 1	12.8	113.0	263
3771012	12 G 1	15.4	195.0	424
3771018	18 G 1	17.6	356.0	560
3771025	25 G 1	21.4	342.0	760
3771034	34 G 1	23.8	447.0	945
3771041	41 G 1	25.8	575.0	1,151
3771050	50 G 1	27.9	666.0	1,300
3771061	61 G 1	32.7	780.0	1,500

Part Number	Number of Cores and mm^2 Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3771302	2 X 1.5	9.7	69.0	144
3771303	3 G 1.5	10.4	80.0	160
3771304	4 G 1.5	11.3	94.0	210
3771305	5 G 1.5	12.6	114.0	240
3771307	7 G 1.5	14.5	143.0	305
3771312	12 G 1.5	17.4	254.0	482
3771318	18 G 1.5	20.3	314.0	611
3771325	25 G 1.5	24.3	477.0	950
3771334	34 G 1.5	27.4	671.0	1,200
3771341	41 G 1.5	30.0	777.0	1,400
3771350	50 G 1.5	32.1	911.0	1,665
3771361	61 G 1.5	34.9	1,079.0	1,852
3771602	2 X 2.5	11.4	81.0	189
3771603	3 G 2.5	12.3	115.0	244
3771604	4 G 2.5	13.7	141.0	296
3771605	5 G 2.5	14.9	188.0	367
3771607	7 G 2.5	17.5	241.0	478
3771612	12 G 2.5	21.5	397.0	622
3771618	18 G 2.5	25.1	556.0	1,010
3771625	25 G 2.5	30.1	790.0	1,375
3771634	34 G 2.5	34.7	1,007.0	1,893
3771650	50 G 2.5	39.3	1,498.0	2,666
3771661	61 G 2.5	41.3	1,794.0	3,077