

Multi Core Flexible Plain Copper Conductor, Polyolefin Copolymer Insulated, ATC (-SB) Braided & Polyolefin Copolymer Sheathed 0.6/1kV Control Cable

Application

- ✓ Used for measuring and controlling purposes in wind turbines.

Features

- ✓ Excellent Flame Retardant.
- ✓ Halogen free
- ✓ Non corrosive
- ✓ Cold Resistant at 50°C
- ✓ Oil, Abrasion and Weathering Resistant.

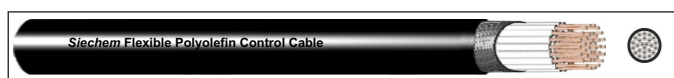
Product Construction

- ✓ Conductor : Bare Copper, Fine wire conductors according to IEC 60228, Class 5
- ✓ Insulation : Polyolefin copolymer
- ✓ Shield : Screen braid of tinned copper wires (-SB)
- ✓ Outersheath : Polyolefin copolymer

ISO 9001	ISO 14001	OHSAS 18001	AS 9100	ISO 45001	RoHS	CE
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Technical Data

- ✓ Temperature Range:
Fixed : -55°C to +125°C
Flexing : -35°C to +120°C
- ✓ Rated Voltage : 450/750 V (0.75 mm²)
600/1000 V (1.0 mm²)
- ✓ Test Voltage : 4.0 kV
- ✓ Min. Bending Radius :
Fixed : 4 x Cable dia
Flexing : 12 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.
3780001	1 X 0.25	3.1	2.4	11
3780002	2 X 0.25	4.9	4.8	29
3780003	3 G 0.25	5.2	7.2	34
3780004	4 G 0.25	5.8	9.6	42
3780005	5 G 0.25	6.1	12.0	47
3780006	6 G 0.25	6.8	14.4	58
3780007	7 G 0.25	7.2	16.8	64
3780008	8 G 0.25	7.6	19.2	71
3780010	10 G 0.25	8.4	24.0	84
3780012	12 G 0.25	8.4	28.8	90
3780014	14 G 0.25	8.9	33.6	102
3780016	16 G 0.25	9.2	38.4	114
3780019	19 G 0.25	10.4	45.6	132
3780021	21 G 0.25	10.8	50.4	145
3780601	1 X 0.5	3.5	4.8	16
3780602	2 G 0.5	5.6	9.6	39.6
3780603	3 G 0.5	6.0	14.4	48.1
3780604	4 G 0.5	6.5	19.2	51
3780605	5 G 0.5	7.3	24.0	64
3780606	6 G 0.5	7.7	28.8	74
3780607	7 G 0.5	8.4	33.6	88
3780608	8 G 0.5	9.3	38.4	102
3780610	10 G 0.5	10.3	48.0	123
3780612	12 G 0.5	10.3	57.6	135
3780614	14 G 0.5	10.8	67.2	153
3780616	16 G 0.5	11.6	76.8	176
3780619	19 G 0.5	12.7	91.2	213
3780621	21 G 0.5	13.3	100.8	234
3780624	24 G 0.5	14.3	115.2	263
3780625	25 G 0.5	14.3	120.0	269
3780627	27 G 0.5	14.3	129.0	280
3780630	30 G 0.5	14.9	144.0	311
3780633	33 G 0.5	15.7	158.4	343
3780637	37 G 0.5	16.8	177.6	392
3780801	1 X 0.75	3.8	7.2	20
3780802	2 X 0.75	6.3	14.4	40
3780803	3 G 0.75	6.7	21.6	53
3780804	4 G 0.75	7.3	28.8	69
3780805	5 G 0.75	8.2	36.0	86

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3780806	6 G 0.75	8.8	43.2	101
3780807	7 G 0.75	9.4	50.4	117
3780808	8 G 0.75	10.6	57.6	140
3780810	10 G 0.75	11.7	72.0	167
3780812	12 G 0.75	11.7	86.4	183
3780814	14 G 0.75	12.4	100.8	212
3780816	16 G 0.75	13.1	115.2	239
3780819	19 G 0.75	14.4	136.8	290
3780821	21 G 0.75	15.2	151.2	323
3780824	24 G 0.75	16.4	172.8	364
3780825	25 G 0.75	16.4	180.0	371
3780827	27 G 0.75	16.4	194.0	387
3780830	30 G 0.75	17.1	216.0	429
3780833	33 G 0.75	17.8	237.6	468
3780837	37 G 0.75	19.4	266.4	550
3781001	1 X 1	4.2	9.6	25.2
3781002	2 X 1	6.9	19.2	50
3781003	3 G 1	7.3	28.8	66
3781004	4 G 1	8.0	38.4	86
3781005	5 G 1	8.7	48.0	106
3781006	6 G 1	9.5	57.6	127
3781007	7 G 1	10.5	67.2	155
3781008	8 G 1	11.6	76.8	187
3781010	10 G 1	12.8	96.0	214
3781012	12 G 1	12.8	115.2	230
3781014	14 G 1	13.5	134.4	266
3781016	16 G 1	14.2	153.6	301
3781019	19 G 1	16.0	182.0	377
3781021	21 G 1	16.8	201.6	419
3781024	24 G 1	16.8	201.6	419
3781024	24 G 1	18.0	230.4	464
3781025	25 G 1	18.0	240.0	472
3781027	27 G 1	18.0	259.2	488
3781030	30 G 1	18.6	288.0	536
3781033	33 G 1	19.7	316.8	605
3781037	37 G 1	21.5	355.2	690
3781301	1 X 1.5	4.6	14.4	32
3781302	2 X 1.5	8.1	28.8	69
3781303	3 X 1.5	8.6	43.2	93
3781304	4 G 1.5	9.4	57.6	120
3781305	5 G 1.5	10.4	72.0	152
3781306	6 G 1.5	11.5	86.4	187
3781307	7 G 1.5	12.4	100.8	222
3781308	8 G 1.5	13.8	115.2	263
3781310	10 G 1.5	15.3	144.0	308
3781312	12 G 1.5	15.3	172.8	330
3781314	14 G 1.5	16.2	201.6	383
3781316	16 G 1.5	17.1	230.4	438
3781319	19 G 1.5	19.3	273.6	554
3781321	21 G 1.5	20.3	302.4	614
3781324	24 G 1.5	22.0	345.6	791
3781325	25 G 1.5	22.0	360.0	701
3781327	27 G 1.5	22.0	388.8	723
3781330	30 G 1.5	22.8	42.0	796
3781333	33 G 1.5	23.8	475.2	880
3781337	37 G 1.5	25.8	532.8	1,026

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3781601	1 X 2.5	5.3	24.0	46.9
3781602	2 G 2.5	9.4	48.0	99
3781603	3 G 2.5	10.2	72.0	140
3781604	4 G 2.5	11.2	96.0	183
3781605	5 G 2.5	12.5	120.0	231
3781606	6 G 2.5	13.6	144.0	280
3781607	7 G 2.5	14.9	168.0	336
3781608	8 G 2.5	16.5	192.0	397
3781610	10 G 2.5	18.2	240.0	460
3781612	12 G 2.5	18.2	288.0	500
3781614	14 G 2.5	19.5	336.0	593
3781616	16 G 2.5	20.7	384.0	675
3781619	19 G 2.5	23.1	456.0	835
3781621	21 G 2.5	24.5	504.0	939
3781624	24 G 2.5	26.4	476.0	1,047
3781625	25 G 2.5	26.4	600.0	1,067
3781627	27 G 2.5	26.4	648.0	1,107
3781630	30 G 2.5	27.3	720.0	1,219
3781633	33 G 2.5	28.7	792.0	1,349
3781637	37 G 2.5	31.1	8,880.0	1,565
3783801	1 X 4	5.9	38.4	96
3783802	2 X 4	11.0	76.8	159
3783803	3 G 4	11.8	115.2	197
3783804	4 G 4	13.1	153.6	260
3783805	5 G 4	14.5	192.0	329
3783806	6 G 4	15.7	230.4	398
3783807	7 G 4	17.3	268.0	478
3783808	8 G 4	18.5	307.2	553
3783810	10 G 4	20.9	384.0	663
3783812	12 G 4	20.9	460.8	725
3783814	14 G 4	21.3	537.6	797
3782301	1 X 6	6.5	57.6	882
3782302	2 X 6	12.4	115.2	162
3782303	3 G 6	13.2	172.8	853
3782304	4 G 6	14.7	230.4	754
3782305	5 G 6	16.1	288.0	655
3782306	6 G 6	17.7	345.6	446
3782307	7 G 6	19.7	403.2	641
3782701	1 X 10	8.2	96.0	443
3782702	2 X 10	15.7	192.0	514
3782703	3 G 10	16.8	288.0	756
3782704	4 G 10	18.9	384.0	307
3782705	5 G 10	20.7	480.0	82
3782706	6 G 10	22.9	576.0	914
3782707	7 G 10	25.0	672.0	1,092
3782801	1 X 16	9.2	153.6	205
3782802	2 X 16	18.0	307.2	495
3782803	3 G 16	19.4	460.8	691
3782804	4 G 16	21.5	614.4	905
3782805	5 G 16	23.9	768.0	1,129
3782806	6 G 16	26.2	921.6	1,327
3782807	7 G 16	28.9	1,075.2	1,590
3783001	1 X 25	11.8	240.0	336
3783002	2 X 25	23.0	480.0	833
3783003	3 G 25	24.7	720.0	1,139
3783004	4 G 25	27.6	960.0	1,489

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3783005	5 G 25	30.7	1,200.0	1,863.0
3783006	6 G 25	33.9	1,440.0	2,275.0
3783007	7 G 25	37.3	1,680.0	2,633.0
3783201	1 X 35	13.1	336.0	454.0
3783202	2 X 35	25.4	672.0	1,104.0
3783203	3 G 35	27.3	1,008.0	1,513.0
3783204	4 G 35	30.5	1,344.0	1,992.0
3783205	5 G 35	33.7	1,680.0	2,488.0
3783401	1 X 50	15.6	480.0	638.0
3783402	2 X 50	30.6	960.0	1,573.0
3783403	3 G 50	32.8	1,440.0	3,154.0
3783404	4 G 50	36.9	1,920.0	2,819.0
3783405	5 G 50	40.6	2,400.0	3,505.0
3783701	1 X 70	17.7	672.0	875.0
3783702	2 X 70	35.0	1,344.0	2,157.0
3783703	3 G 70	37.5	2,016.0	2,946.0
3783704	4 G 70	42.1	2,688.0	3,888.0
3783705	5 G 70	46.9	3,360.0	4,864.0
3783801	1 X 95	20.4	912.0	1,149.0
3783802	2 X 95	39.8	1,824.0	2,763.0
3783803	3 G 95	42.9	2,736.0	3,835.0
3783804	4 G 95	48.0	3,648.0	5,052.0
3783805	5 G 95	53.2	4,560.0	6,307.0
3780002	2 X 0.25	5.3	16.0	36.0
3780003	3 G 0.25	5.8	21.0	44.0
3780005	5 G 0.25	6.7	29.0	68.0
3780007	7 G 0.25	7.8	37.0	95.0
3780601	1 X 0.5	4.0	15.0	24.0
3780602	2 X 0.5	6.3	29.0	55.0
3780603	3 X 0.5	6.6	38.0	64.0
3780604	4 X 0.5	7.2	45.0	78.0
3780605	5 X 0.5	8.0	51.0	95.0
3780606	6 X 0.5	8.4	66.0	106.0
3780607	7 X 0.5	9.0	68.0	122.0
3780608	8 X 0.5	9.7	80.0	138.0
3780610	10 X 0.5	10.7	93.0	161.0
3780612	12 X 0.5	10.7	107.0	170.0
3780614	14 X 0.5	11.3	122.0	193.0
3780616	16 X 0.5	12.0	129.0	216.0
3780619	19 X 0.52	13.1	158.0	253.0
3780621	1 X 0.5	13.8	167.0	281.0
3780801	1 X 0.75	4.3	18.0	29.0
3780802	2 X 0.75	7.0	38.0	71.0
3780803	3 X 0.75	7.4	50.0	82.0
3780804	4 X 0.75	8.0	58.0	100.0
3780805	5 X 0.75	8.8	70.0	117.0
3780806	6 X 0.75	9.4	85.0	135.0
3780807	7 X 0.75	10.2	90.0	158.0
3780808	8 X 0.75	10.9	110.0	178.0
3780810	10 X 0.75	12.0	140.0	207.0
3780812	12 X 0.75	12.0	148.0	220.0
3780814	14 X 0.75	12.7	167.0	250.0
3780816	16 X 0.75	13.5	183.0	282.0
3780819	19 X 0.75	14.8	212.0	335.0
3780821	21 X 0.75	15.6	230.0	370.0
3781001	1 X 1	4.6	1.7	33.0

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3781002	2 X 1	7.5	31.0	78.0
3781003	3 X 1	8.0	56.0	92.0
3781004	4 X 1	8.6	66.0	112.0
3781005	5 X 1	9.3	95.0	134.0
3781006	6 X 1	10.3	105.0	164.0
3781007	7 X 1	11.2	109.0	192.0
3781008	8 X 1	11.9	130.0	219.0
3781010	10 X 1	13.1	138.0	254.0
3781012	12 X 1	13.1	164.0	270.0
3781014	14 X 1	13.8	198.0	308.0
3781016	16 X 1	14.6	203.0	350.0
3781019	19 X 1	16.5	235.0	447.0
3781021	21 X 1	17.3	257.0	492.0
3781301	1 X 1.5	5.1	22.0	42.0
3781302	2 X 1.5	8.7	58.0	105.0
3781303	3 X 1.5	9.2	71.0	121.0
3781304	4 X 1.5	10.2	86.0	156.0
3781305	5 X 1.5	11.0	104.0	188.0
3781306	6 X 1.5	12.1	118.0	225.0
3781307	7 X 1.5	13.0	136.0	264.0
3781308	8 X 1.5	14.1	172.0	308.0
3781310	10 X 1.5	15.7	193.0	361.0
3781312	12 X 1.5	15.7	222.0	383.0
3781314	14 X 1.5	16.8	272.0	458.0
3781316	16 X 1.5	17.6	285.0	515.0
3781319	19 X 1.5	19.8	331.0	639.0
3781321	21 X 1.5	20.8	367.0	705.0
3781601	1 X 2.5	5.9	28.0	59.0
3781602	2 X 2.5	10.2	96.0	148.0
3781603	3 X 2.5	10.8	146.0	183.0
3781604	4 X 2.5	11.8	150.0	221.0
3781605	5 X 2.5	13.1	200.0	273.0
3781606	6 X 2.5	14.2	227.0	326.0
3781607	7 X 2.5	15.8	235.0	397.0
3781608	8 X 2.5	17.1	265.0	475.0
3781610	10 X 2.5	18.7	325.0	542.0
3781612	12 X 2.5	18.7	376.0	582.0
3781614	14 X 2.5	20.0	428.0	681.0
3781616	16 X 2.5	21.4	480.0	778.0
3781619	19 X 2.5	23.8	557.0	948.0
3781621	21 X 2.5	25.0	606.0	1042.0
3783801	1 X 4	6.7	56.0	86.0
3783802	2 X 4	11.4	135.0	196.0
3783803	3 X 4	12.1	178.0	248.0
3783804	4 X 4	13.5	220.0	316.0
3783805	5 X 4	14.8	259.0	376.0
3783806	6 X 4	16.1	302.0	452.0
3783807	7 X 4	17.8	355.0	555.0
3783808	8 X 4	19.4	392.0	655.0
3783810	10 X 4	21.6	480.0	767.0
3783812	12 X 4	21.6	557.0	829.0
3783814	14 X 4	22.8	636.0	948.0
3782301	1 X 6	7.3	81.0	108.0
3782302	2 X 6	12.7	175.0	255.0
3782303	3 X 6	13.6	240.0	330.0
3782304	4 X 6	15.2	305.0	429.0

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km approx.	Weight Kg/Km approx.
3782305	5 X 6	16.6	441	536
3782306	6 X 6	18.2	473	624
3782307	7 X 6	20.2	505	751
3782701	1 X 10	8.9	124	170
3782702	2 X 10	16.2	265	409
3782703	3 X 10	17.3	370	550
3782704	4 X 10	19.4	485	715
3782705	5 X 10	21.4	610	882
3782706	6 X 10	23.6	715	1,026
3782707	7 X 10	25.5	820	1,195



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