



## Security Cables (Extra Low Voltage)

100v DC or 32V AC, not for mains power supply connections.

**Application:** Security systems, control and communications equipment, access control, detection and monitoring.

**Conductor:** Plain annealed copper (AS1125)

**Insulation & Sheath:** PVC V75 (AS3808)

**Voltage:** 100v DC or 32V AC

**Pack Length:** 100m, 250, 300, 500m

**CAUTION**  
Extra Low Voltage – Should NOT be  
connected to mains power supply

### Multi Core Typical Features:

Electra Cables Part No.	Nom. area mm <sup>2</sup>	No. Core/ Stranding No./mm	Nom. O/D. mm	Insulation Thickness mm	Sheath Thickness mm	Amp Rating	Maximum DC Resistance @ 20°C Ω/Km
SEC7204	0.22	4x7/0.20	3.6	0.3	0.5	1.4	86.5
SEC7206	0.22	6x7/0.20	4.2	0.3	0.5	1.4	86.5
SEC7208	0.22	8x7/0.20	4.7	0.3	0.5	1.4	86.5
SEC7212	0.22	12x7/0.20	5.6	0.3	0.5	1.4	86.5
SEC7402	0.88	2x7/0.40	4.8	0.4	0.5	-	17.8
SEC7502	1.5	2x7/0.50	5.4	0.4	0.5	-	13.6
SEC14204	0.44	4x14/0.20	4.4	0.3	0.5	2.8	43.2
SEC14206	0.44	6x14/0.20	5.3	0.3	0.5	2.8	43.2
SEC14208	0.44	8x14/0.20	5.8	0.3	0.6	2.8	43.2
SEC14212	0.44	12x14/0.20	7.0	0.3	0.6	2.8	43.2

Electra Cables Part No.	Nom. area mm <sup>2</sup>	No. Core/ Stranding No./mm	Nom. O/D. mm	Insulation Thickness mm	Sheath Thickness mm (Grey Color)	Core Colours
SEC73202	0.52	2x7/0.32	4.1	0.3	0.5	Orange & White
SEC73203	0.52	3x7/0.32	4.3	0.3	0.5	Orange, White & Blue
SEC5	0.80	2x7/0.40+	7.3	0.5	0.6	Red and Black
COMP	0.52	3x7/0.32		0.6		Orange, White & Blue
SEC7	0.80	3x7/0.50 +	9.5	0.5	0.6	Red, Black, Brown
COMP	0.52	2 pair x7/0.30		0.6		BLU&WHE, YEL/GRN

**Note:** Other types or length of security cables can be manufactured according to client specifications, subject to production minimum runs.





**One Pair Typical Features:**

Electra Cables Part No.	Nom. area mm <sup>2</sup>	No. Pair/ Stranding No./mm	Nom. O/D. mm	Insulation Thickness mm	Sheath Thickness mm	Packing Length m	Core Colours
SEC16201P	0.52	1Px16/0.20	4.2	0.3	0.5	100,250,500	Red, Blk

**Figure 8 Typical Features:**

Electra Cables Part No.	Nom. area mm <sup>2</sup>	Stranding No./mm	Nom. O/D. mm	Insulation Thickness mm	Amp Rating	Maximum DC Resistance @ 20°C Ω/Km
SEC2840	0.44	14/0.20	4.8x2.4	0.7	2.5	44.8
SEC2875	0.75	24/0.20	5.1x2.6	0.7	7.5	26
SEC2810	1.0	32/0.20	6.08x2.94	0.8	-	21.2

**Core Colours:**

Conductor Size: 7/0.20

Wire No.	Colour	Wire No.	Colour
1	White	7	Brown
2	Blue	8	Grey
3	Red	9	Violet
4	Black	10	Pink
5	Orange	11	Azure
6	Green	12	Yellow

Conductor Size: 14/0.20

Wire No.	Colour	Wire No.	Colour
1	Yellow	7	White
2	Green	8	Grey
3	Red	9	Violet
4	Black	10	Pink
5	Orange	11	Azure
6	Brown	12	Blue

**Sheath Colours:**

Electra Code	Sheath Colour with Contrasting Trace	Electra Code	Sheath Colour with Contrasting Trace
SEC2840	Brown, Grey, White, Black, Blue, Red	SEC7402	Brown, Grey, Red
SEC2875	Brown, Grey, White, Black, Blue, Red, Clear	SEC7502	Black, Red
SEC2810	Grey, White, Black	SEC14204	Brown, Grey, White
SEC7204	Brown, Grey, White	SEC14206	Brown, Grey, White
SEC7206	Brown, Grey, White	SEC14208	Brown, Grey, White
SEC7208	Brown, Grey, White	SEC14212	Brown, Grey, White
SEC7212	Grey, White, Black	SEC16201P	Grey, Red

**Note:** Other types or length of security cables can be manufactured according to client specifications, subject to production minimum runs.

