



## RailSafe CC90

High performance cable

### Constructional Details

Reference	Conductor Area mm <sup>2</sup>	Conductor Resistance Ω/km max	Cable Diameter mm	Cable Weight kg/km
CC90-1.0	1.0	18.2	4.7	35
CC90-1.5	1.5	12.1	5.0	41
CC90-2.5	2.5	7.41	5.3	52
CC90-4.0	4	4.61	6.0	73
CC90-6.0	6	3.11	6.6	97
CC90-10	10	1.83	7.8	147
CC90-16	16	1.16	7.6	188
CC90-25	25	0.73	9.6	298
CC90-35	35	0.53	10.8	396
CC90-50	50	0.387	11.8	510
CC90-70	70	0.268	13.6	715
CC90-95	95	0.193	15.9	987
CC90-120	120	0.153	17.5	1226
CC90-150	150	0.124	19.5	1508
CC90-185	185	0.0991	21.7	1890
CC90-240	240	0.0754	24.8	2474
CC90-300	300	0.0601	27.6	3094
CC90-400	400	0.0470	31.0	3940
CC90-500	500	0.0366	34.5	4946
CC90-630	630	0.0283	38.5	6334

### General Characteristics

Maximum Conductor Temperature	90°C
Voltage rating	450/750V AC
Voltage withstand	To BS7211
Insulation resistance	To BS7211
Fire test	To LUL 1-085
Smoke Emission	To LUL 1-085
Toxicity	To LUL 1-085

### PRODUCT DESCRIPTION

This high performance range of cables is suitable for use in conduit or fixed protected installations.

It has been developed for installations where fire, smoke emission and toxic fumes requirements exceed those of standard BS7211 cable.

### PRODUCT CHARACTERISTICS

**Conductor** Stranded ,annealed copper. (solid conductor also available upon request)

**Insulation** Single or dual layer Low Smoke and Zero Halogen compound

**Colours** : standard colours are green/yellow, blue, brown, black, red and grey, but other colours are available upon request

*London Underground  
Approved*

All cables are ROHS compliant

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