

## Garden lighting Cable

12V, Durable, PVC V90 insulated plain copper conductor 2 Cores figure 8.

**Application:** Tailored for outdoor AC/DC lighting applications.

**Conductor:** Plain Copper wire

**Insulation:** PVC V90 insulated (Parallel Web)

**Voltage:** ELV – 50V AC, 120V DC

**Core Colours:** Red & Blue

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

### Typical Features:

Electra Cables Part No.	Nom. area mm <sup>2</sup>	No. of cores	Stranding No./mm	Nom. O/D. mm	Amperage A	Voltage drop single phase @ 45°C mV/A.m	Maximum DC Resistance @ 20°C Ω/Km
F42022	1.32	2	42/0.20	3.7x8.0	10	33.6	15.3
F26042	3.27	2	26/0.40	4.4x9.4	24	13.6	6.18
F56032	4	2	56/0.30	5.0x10.4	25	10.9	4.95
F84032	6	2	81/0.30	6.0x12.5	40	7.25	3.30
F84042	10	2	84/0.40	7.1x14.6	50	4.2	1.91

### Voltage Drop Chart:

Load in Watts	1.32mm cable (m)	3.27mm cable (m)	2.5mm cable (m)	4mm cable (m)	6mm cable (m)	10mm cable (m)
20w	21	51	40	65	97	164
40w	10	25	20	32	48	81
50w	8	20	16	25	38	65
60w	7	16	13	20	32	54
70w	6	14	11	18	27	46
80w	5	13	10	16	24	40
90w	5	11	8.5	14	21	35
100w	4	10	8	13	19	33
120w	3	8	6	10	16	27