



Garden Lighting Cable

CONSTRUCTION

Conductors	Annealed copper conductors (PCW) to AS/NZS1125
Insulation	UV Stabilised V90HT PVC to AS3808:2000
Sheath	UV Stabilised V90HT PVC to AS3808:2000
Voltage	AC 50V / DC 120v to AS/NZS 3000:2000

FEATURES

RoHS Compliant
Temperature Rating 90°C
99.9% OFHC (Oxygen Free High Conductivity) Copper which does not show any brittleness

APPLICATIONS

Garden Light Wiring & Low Voltage Wiring

Code	No Strands/Ø mm	Nominal Area mm ²	Amps **	Insulation Thickness mm	Max DC Resistance @20°C mΩ/mt	Nominal OD mm	Mass Kg/100m
FGL210402	104/0.20	3.30	12	0.80	5.82	4.25X9.0	9.00
FGL219202	192/0.20	6.00	10	1.00	3.30	5.35X11.3	16.10
FGL232002	320/0.20	10.00	7	1.00	1.91	6.00X12.60	24.90

Part No	ATS22603	FGL210402	ATS24103	ATS26503	FGL219202	ATS211203	FGL232002
Length	Twin Sheath	Figure 8	Twin Sheath	Twin Sheath	Figure 8	Twin Sheath	Figure 8
m	1.84mm2	3.3mm2	2.9mm2	4.59mm2	6.0mm2	7.92mm2	10mm2
20	33	52	66	81	107	144	155
30	22	34	42	54	120	96	105
40	16	26	31	40	52	72	81
50	14	20	24	32	42	57	62
60	11	17	20	27	36	48	54
70				23	30	42	51
80				20	26	36	45
90					24	32	40
100					21	29	36
110						26	32
120						24	30
130						22	27
140						21	25

It is important that the Volt drop is kept to a maximum of 1Volt: (i.e. the Voltage at the fixture should be no less than 11 Volts).
When Using 6mm² or 10mm² Trunk cable the 3.3mm² drop cable can be a maximum of 6mt from the main trunk cable.
A larger cable will experience a lower voltage drop over the same length as a small cable.

Please Note**

NOT SUITABLE FOR CONNECTIONS TO MAINS POWER SUPPLY.

AMP Ratings are based on JASO D609:2001 single core AMBIENT TEMPERATURE AT 30° C.

Please Note

Please consult with your Electrician / Engineer to ensure this cable is suitable for the intended application and installation.

Elcon Cables takes every precaution to ensure the information in this publication is correct but accepts no liability of any kind and reserves the right to change any detail in this catalogue without notification.

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