

GLT SERIES

High Performance Flexible Twin
Garden Lighting Cable ELV 90°C



APPLICATIONS:

Lighting Used for festoon and garden lighting where a flexible water resistant PVC cable is required.

PRODUCT FEATURES:

- ▶ Raised rib on one core for polarity identification +/-
- ▶ Tinned fine stranded copper conductor
- ▶ UV stabilised
- ▶ Water resistant
- ▶ Heat, oil and chemical resistant (See Technical Section)

CONSTRUCTION:

Conductor Annealed tinned copper stranded high flexibility (Class 5)

Insulation Special SPVC V-90HT.

CHARACTERISTICS:

Operating Temperature Range Fixed -20°C to 90°C

Maximum Conductor Temperature 90°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).

Rated Voltage 50 VAC / 120 VDC ELV (Not for mains connection)

Minimum Bending Radius Fixed 10 x cable diameter / Flexing 15 x cable diameter.

Insulation Colour Black. (Raised rib on one core for polarity identification +/-)

Relevant Standards AS/NZS 1125, AS/NZS 3808, IEC 60332-1, **RoHS** Compliant.

Code	No. of Cores x Size (mm ²)	Approx. Stranding No. of wires x size	Approx. Overall Diameter (mm)	Approx. Weight (Kg/Km)	Max D.C Conductor Resistance @20 °C Ω/km	1 Phase Volt Drop @50Hz / MAX. Conductor Temp: (Mv/Am) 75 °C
GLT02/1.0	2 x 1.0	32/0.20	2.6h x 5.7w	38	20	47.5
GLT02/1.5	2 x 1.5	30/0.25	4.0h x 8.3w	64	13.7	32.3
GLT02/2.5	2 x 2.5	50/0.25	4.3h x 9.0w	90	8.21	19.4
GLT02/4.0	2 x 4.0	127/0.20	4.7h x 9.5w	124	5.09	12.0
GLT02/6.0	2 x 6.0	192/0.20	5.5h x 11.5w	160	3.39	7.25