

## ICLV SERIES

**FIRSTFLO Standard Performance  
Irrigation Cable 25VAC/60VDC 75°C**



### APPLICATIONS:

**Control** Used to control the valves in residential and commercial irrigation systems including golf courses and fruit orchard systems.

**Harsh Environments** Designed for applications where harsh conditions may be encountered and are resistant to ground chemicals.

### PRODUCT FEATURES:

- ▶ UV stabilised
- ▶ Water and moisture resistant
- ▶ High density polypropylene
- ▶ Heat, oil and chemical resistant (See *Technical Section*)

### CONSTRUCTION:

**Conductor** Annealed plain copper stranded (Class 2).

**Insulation** PP.

**Sheath** SPVC V-75.

See over for full product table ▶

### CHARACTERISTICS:

**Operating Temperature Range** Fixed -15°C to 75°C.

**Maximum Conductor Temperature** 80°C.

**Rated Voltage** 25VAC / 60VDC.

#### Standard Core Colours

##### Single Core

0.5mm<sup>2</sup> - Black, Blue, Brown, Green, Orange, Red, White, Yellow.

0.75mm<sup>2</sup> - 1.5mm<sup>2</sup> - Black, Blue, Red.

2.5mm<sup>2</sup> - 4.0mm<sup>2</sup> - Black, Red

(other colours available on request).

##### Multi Core

2 Core - Black, Red.

3 Core - Black, Red, White.

4 Core - Black, Red, White, Blue.

5 Core - Black, Red, White, Blue, Green.

7 Core - Black, Red, White, Blue, Green, Brown, Yellow.

9 Core - Black, Red, White, Blue, Green, Brown, Yellow, Pink, Grey.

13 Core - Black, Red, White, Blue, Green, Brown, Yellow, Pink, Grey, Violet, Beige, Light Green, Orange.

**Multi Core Sheath Colour** Blue (Other colours available on request).

**Relevant Standards** AS/NZS 3808, IEC 60332.1,

**RoHS** Compliant.

## ICLV SERIES continued

Code	No. of Cores x Size (mm <sup>2</sup> )	Approx. Stranding No. of wires x mm <sup>2</sup>	Approx. Overall Diameter (mm)	Nominal Amps		Max D.C. Conductor Resistance @ 20°C Ω/km	Approx. Weight (kg/km)
				Enclosed protected from sun	In Duct or Cabinet		
ICLV01/0.5	1 x 0.5	7 x 0.30	1.5	4		38.4	6
ICLV01/0.75	1 x 0.75	7 x 0.37	2.1	7		25.3	8
ICLV01/1.0	1 x 1.0	7 x 0.40	2.3	10		21.2	15
ICLV01/1.5	1 x 1.5	7 x 0.50	2.7	16		13.6	20
ICLV01/2.5	1 x 2.5	7 x 0.67	3.2	23		7.41	28
ICLV01/4.0	1 x 4.0	7 x 0.85	3.8	30		4.61	35
ICLV02/0.5	2 x 0.5	7 x 0.30	4.2	4		38.4	24
ICLV02/1.0	2 x 1.0	7 x 0.40	5.2	10		21.1	35.0
ICLV02/1.5	2 x 1.5	7 x 0.50	5.9	16		13.6	40.0
ICLV02/2.5	2 x 2.5	7 x 0.67	7.1	23		7.41	80.00
ICLV03/0.5	3 x 0.5	7 x 0.30	4.5	4		38.4	33
ICLV03/1.0	3 x 1.0	7 x 0.40	5.6	10		21.2	40.0
ICLV03/1.5	3 x 1.5	7 x 0.50	6.2	16		13.6	70.0
ICLV03/2.5	3 x 2.5	7 x 0.67	7.3	23		7.41	125.00
ICLV05/0.5	5 x 0.5	7 x 0.30	5.5	4		38.4	40.0
ICLV05/1.0	5 x 1.0	7 x 0.40	6.7	10		21.2	90.0
ICLV05/1.5	5 x 1.5	7 x 0.50	7.7	16		13.6	120.0
ICLV05/2.5	5 x 2.5	7 x 0.67	9.0	23		7.41	165.00
ICLV07/0.5	7 x 0.5	7 x 0.30	6.1	4		38.4	50.0
ICLV07/1.0	7 x 1.0	7 x 0.40	7.3	10		21.2	110.0
ICLV07/1.5	7 x 1.5	7 x 0.50	8.6	16		13.6	160.0
ICLV07/2.5	7 x 2.5	7 x 0.67	10.1	23		7.41	280.00
ICLV09/0.5	9 x 0.5	7 x 0.30	6.8	4		38.4	56.0
ICLV09/1.0	9 x 1.0	7 x 0.40	8.8	10		21.2	132.0
ICLV09/1.5	9 x 1.5	7 x 0.50	9.9	16		13.6	175.0
ICLV09/2.5	9 x 2.5	7 x 0.67	11.9	23		7.41	350.00
ICLV13/0.5	13 x 0.5	7 x 0.30	8.5	4		38.4	120.0
ICLV13/1.0	13 x 1.0	7 x 0.40	10.4	10		21.2	140.0
ICLV13/1.5	13 x 1.5	7 x 0.50	11.8	16		13.6	243.0
ICLV13/2.5	13 x 2.5	7 x 0.67	14.2	23		7.41	410.00