

## VC SERIES

Standard Performance Flexible  
Valve Control Cable  
300/500V 90°C



### APPLICATIONS:

**Dairy** Used for valve cables in dairy factory applications.

### PRODUCT FEATURES:

- ▶ Fine stranded tinned copper conductor
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Heat, oil and chemical resistant (See *Technical Section*)

### CONSTRUCTION:

**Conductor** Annealed tinned copper stranded high flexibility (Class 5).

**Insulation** V-90.

**Sheath** SPVC 5V-90.

### CHARACTERISTICS:

**Operating Temperature Range** Fixed -20 to 90°C / Flexing -5 to 75°C.

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

**Rated Voltage** U<sub>o</sub>/U 300/500v.

**Max AC Operating Voltage** U<sub>o</sub> 318v.

**Minimum Bending Radius** Fixed 7.5 x cable diameter / Flexing 15 x cable diameter.

**Sheath Colour** Black.

#### Standard Core Colour

6 core – Brown, Black, Red, White, Grey, Blue.

8 core – Brown, Black, Red, White, Grey, Blue, Purple, Green/Yellow.

9 Core – Brown, Black, Red, White, Grey, Blue, Purple, Pink, Orange.

**Relevant Standards** AS/NZS 3808, AS/NZS 3008, IEC 60332-1,

**RoHS** Compliant.

Code	No. of Cores x Size (mm <sup>2</sup> )	Approx. Stranding  No. of wires x mm	Approx. Overall Diameter  (mm)	Approx. Weight  (Kg/Km)
VC06/0.25	6 x 0.25	14/0.15	5.1	46
VC06/0.5	6 x 0.50	16/0.20	6.9	65
VC08/0.5	8 x 0.50	16/0.20	8.1	84
VC09/0.5	9 x 0.50	16/0.20	8.6	93