

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_o/U 300/500v.

Max AC Operating Voltage U_o 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 ²)	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