



### Construction

Mixed sizes of high conductivity stranded copper conductors, insulated and colour coded with general purpose grade PVC, laid up and sheathed in a hard 2.5% carbon loaded ultraviolet weather-resistant PVC. V191 has an aluminium tape shield and is then sheathed with a UV, water resistant polyethylene.

### Applications

For outdoor use without further protection in rough agricultural conditions on all types of normal and computer controlled irrigation machines for power supply and control of motors and valves.

### Specification

Voltage Rating	500 Volts
Test Voltage	2000 Volts
Temperature Range	-10° to +80°C
Flexibility Class	2
Conductor Type	High conductivity annealed copper
Insulation Material	Colour coded, general purpose PVC
Sheath Material	2.5% Carbon loaded ultraviolet abrasion and weather-resistant PVC or polyethylene
Sheath Colour	Black
Core Colours	4 Core 4.0 mm <sup>2</sup> Black, Blue, Red, Yellow
	9 Core 4.0 mm <sup>2</sup> Black, Blue, Red
	1.5 mm <sup>2</sup> Yellow, White, Orange, Violet, Brown, Pink
	11 Core 3.31 mm <sup>2</sup> Red, Black, Blue, Green/Yellow
	2.1 mm <sup>2</sup> Yellow, Pink, White, Violet, Orange, Brown, Yellow/Red

### Packaging

Available in cut lengths or drums as per customer requirements.

### TECHNICAL DATA

PRODUCT CODE	Size mm <sup>2</sup>	Stranding No x Dia	Nominal Diameter	Mass kg/100m
AS9BK	9	4.0mm <sup>2</sup> x 3 + 1.50mm <sup>2</sup> x 6	14.7	42.33
V181	4	2.10mm <sup>2</sup> x 4	13.0	22.33
V191	11	5.30mm <sup>2</sup> x 4 + 2.10mm <sup>2</sup> x 7	20.2	68.44
V192	11	5.30mm <sup>2</sup> x 4 + 2.10mm <sup>2</sup> x 7	16.8	56.81
V193	11	2.50mm <sup>2</sup> x 4 + 1.50mm <sup>2</sup> x 7	15.2	41.75
V11BK3E2086	11	3.31mm <sup>2</sup> x 4 + 2.10mm <sup>2</sup> x 7	15.2	45.52