

## MCXVEC SERIES

Standard Performance Fixed Service Cable 0.6/1kV 90°C



### APPLICATIONS:

**Service Cables** For domestic, commercial and industrial purposes. Meets the requirements for connection to the point of supply on the Vector network.

**Consumer Mains** Underground domestic and commercial subdivisions.

### INSTALLATION CONDITIONS

- ▶ In ground (with mechanical protection)
- ▶ In duct
- ▶ In trench

### PRODUCT FEATURES:

- ▶ Plain annealed circular stranded conductor
- ▶ Metre marking for better length control
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Heat, oil and chemical resistant (See Technical Section)

### CONSTRUCTION:

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

**Insulation** X-90 (XLPE)

**Outer Sheath** SPVC

### CHARACTERISTICS:

**Operating Temperature Range** Fixed -20 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** U<sub>o</sub>/U 0.6/1kV.

**Minimum Bending Radius** Fixed 12 x cable diameter.

**Sheath Colour** Black.

#### Standard Core Colours

2 Cores: Red, Black

4 Cores: Red, White, Blue, and Black

**Relevant Standards** AS/NZS 5000.1, AS/NZS 4026, AS/NZS 1125, AS/NZS 3008, AS/NZS 3808, IEC 60332-1-2, **RoHS** Compliant.

**BEP Certified - Greenstar 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)	Nominal Amps @ 30°C fixed application		Single Phase Volt Drop 75°C (mV/Am)
					Wiring enclosure in air (touching)	Under ground wiring	
<b>MCXVEC2/16</b>	2x16	7/1.70	10.5 x 18.5	493	90	105	2.81
<b>MCXVEC2/25</b>	2x25	7/2.13	11.9 x 21.2	837	121	137	1.78

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					Wiring enclosure in air (touching)	Under ground wiring	
<b>MCXVEC4/16</b>	4x16	7/1.70	22.2	715	75	87	2.43
<b>MCXVEC4/25</b>	4x25	7/2.13	25.6	1240	125	114	1.54