

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 U₀/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.

Code	No. of Cores x Size (mm ²)	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	
MCXVEC2/16	2x16	7/1.70	10.5 x 18.5	493	90	105	2.81
MCXVEC2/25	2x25	7/2.13	11.9 x 21.2	837	121	137	1.78

Code	No. of Cores x Size (mm ²)	Approx. Stranding (No. of wires x mm)	Approx. Overall Diameter (mm)	Approx. Weight (Kg/Km)	Nominal Amps @ 30°C fixed application		Three Phase Volt Drop 75°C (mV/Am)
					Wiring enclosure in air (touching)	Under ground wiring	
MCXVEC4/16	4x16	7/1.70	22.2	715	75	87	2.43
MCXVEC4/25	4x25	7/2.13	25.6	1240	125	114	1.54