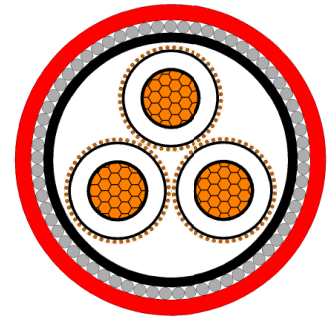




## 3C XLPE Insulated Medium Voltage Cable 6.35/11kV, Cu, Armoured



Note: The above drawing is for representation purpose only.

### Description

Conductor:	Class 2 Plain Annealed Copper
Conductor Screen:	Semi-conductive Compound
Insulation:	XLPE
Insulation Screen:	Semi-conductive Compound
Metallic Screen:	Plain Annealed Copper Wire
Bedding:	PVC 5V-90
Armour:	Galvanised Steel Wire Armour
Sheath:	PVC 5V-90

### Core Identification

Red, White, Blue

### Sheath Colour

Red

### Technical Data

Voltage Rating:	6.35/11kV
Operating Temperature:	-25°C to +90°C
Short Circuit Temperature:	250°C for 5 sec

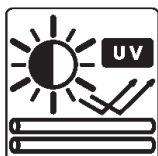
### Standards Compliance

AS/NZS 1429.1	AS/NZS 3808
AS/NZS 1125	AS/NZS 1660.5.6 (Equivalent to IEC 60332-1)

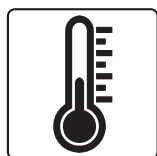
### Characteristics



FLAME RETARDANT



UV RESISTANT



-25°C ~ +90°C



GREEN STAR

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## 3C XLPE Insulated Medium Voltage Cable 6.35/11kV, Cu, Armoured

### Physical & Electrical Characteristics

WWC Product Code	Conductor Size (mm <sup>2</sup> )	Conductor Diameter (mm)	Insulation Thickness (mm)	Approx. Overall Diameter (mm)	Min. Bending Radius (mm)		Approx. Weight (kg/m)
					During Installation	After Installation	
MV11C10X3C70A-RED	70	9.95	3.4	60.8	1183	788	7.3

Cond. Size (mm <sup>2</sup> )	Max. D.C. Resistance of cond. at 20°C (Ω/km)	A.C. Resistance of cond. at 90°C, 50Hz (Ω/km)	Operating Induct. (mH/km)	Mutual Capa. (μF/km)	Fault Current Rating (kA/s)		+ Current-carrying capacity (A)			
					Cond.	Screen	In Air Touching	In Air Enclosed	In Ground	In ground Enclosed
70	0.268	0.342	0.394	0.293	10.0	10.1	246	185	256	205

<sup>+</sup>Based on ambient air temperature of 40°C, soil temperature of 25°C, burial depth of 0.8m and soil thermal resistivity of 1.2K.m/W.

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