

# XLPE PVC SWA POWER CABLES



AUSTRALIA PACIFIC ELECTRIC CABLES

Two Core Plus Earth Insulated,  
Circular Cable, and Bedded,  
Steel Wire Armoured, PVC Sheathed  
0.6/1kV to AS/NZS 5000.1



**Conductor** : annealed copper.  
**Insulation** : XLPE X90  
**Sheath** : PVC 5V90  
Compounds for continuous  
conductor temperature of 90°C.

**Standard colours**  
**Cores** : Red, Black  
Green/Yellow (Earth)

**Sheath:** Orange

Power Conductor		Earth Conductor		Thickness of bedding	Nominal armour wire dia.	Thickness of over sheath	Approx. overall diameter	Approx. mass kg/100m	Product Code
Nominal Conductor Area mm <sup>2</sup>	Average Insulation thickness mm	Nominal conductor area mm <sup>2</sup>	Average Insulation thickness mm						
1.5	0.7	1.5	0.7	1.0	0.8	1.8	16.2	36.0	MXS105E02
2.5	0.7	2.5	0.7	1.0	0.8	1.8	17.4	43.0	MXS205E02
4.0	0.7	2.5	0.7	1.0	0.8	1.8	19.1	49.0	MXS004E02
6.0	0.7	2.5	0.7	1.0	0.8	1.8	20.1	67.0	MXS006E02
10.0	0.7	4.0	0.7	1.0	1.25	1.8	21.6	81.0	MXS010E02
16.0	0.7	6.0	0.7	1.0	1.25	1.8	24.2	104.0	MXS016E02
25.0	0.9	6.0	0.7	1.0	1.25	1.8	27.4	134.0	MXS025E02
35.0	0.9	10.0	0.7	1.0	1.60	1.8	30.4	180.0	MXS035E02
50.0	1.0	16.0	0.7	1.0	1.60	1.8	33.9	230.0	MXS050E02

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