

XLPE PVC SWA POWER CABLES



AUSTRALIA PACIFIC ELECTRIC CABLES



Three Core Plus Earth Insulated,
Circular Cable, and Bedded,
Steel Wire Armoured, PVC Sheathed
1.5 to 300mm² 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, White, Blue
Green/Yellow (Earth)

Sheath: Orange

Power Conductor		Earth Conductor		Thickness of bedding mm	Nominal armour wire dia. mm	Thickness of over sheath mm	Approx. overall diameter *mm	Approx. mass kg/100m	Product Code
Nominal Conductor Area mm ²	Average Insulation thickness mm	Nominal conductor area mm ²	Average Insulation thickness mm						
							*Please note; Tolerance of approx. ± 10% is applicable	*Please note; Tolerance of approx. ± 5% is applicable	
1.5	0.7	1.5	0.7	1.0	0.8	1.8	16.9	40.0	MXS105E03
2.5	0.7	2.5	0.7	1.0	0.8	1.8	18.4	48.9	MXS205E03
4.0	0.7	2.5	0.7	1.0	0.8	1.8	19.4	56.2	MXS004E03
6.0	0.7	2.5	0.7	1.0	1.25	1.8	21.6	79.0	MXS006E03
10.0	0.7	4.0	0.7	1.0	1.25	1.8	23.2	98.0	MXS010E03
16.0	0.7	6.0	0.7	1.0	1.25	1.8	25.6	124.0	MXS016E03
25.0	0.9	6.0	0.7	1.0	1.60	1.8	29.6	177.0	MXS025E03
35.0	0.9	10.0	0.7	1.0	1.60	1.8	32.0	218.0	MXS035E03
50.0	1.0	16.0	0.7	1.0	1.60	1.9	36.1	284.0	MXS050E03
70.0	1.1	25.0	0.9	1.2	2.00	2.2	42.8	405.0	MXS070E03
95.0	1.1	25.0	0.9	1.2	2.00	2.3	46.2	492.0	MXS095E03
120.0	1.2	35.0	0.9	1.4	2.00	2.5	50.9	600.0	MXS120E03
150.0	1.4	50.0	1.0	1.4	2.50	2.7	57.5	777.0	MXS150E03
185.0	1.6	70.0	1.1	1.6	2.50	2.9	63.6	940.0	MXS185E03
240.0	1.7	95.0	1.1	1.6	2.50	3.1	69.9	116.2	MXS240E03
300.0	1.8	120.0	1.2	1.6	2.50	3.2	75.9	139.0	MXS300E03

Brisbane Office and Factory

89 Platinum Street,
Crestmead, Qld 4132
P: 07 3802 3651
E: bnesales@apeccables.com.au

Melbourne Sales & Distribution

188 Holt Parade,
Thomastown, VIC 3074
P: 03 9465 1188
E: salesmdc@apeccables.com.au

Perth Sales & Distribution

638 Casella Place
Kewdale, WA 6105
P: 08 9350 1300
E: salespdc@apeccables.com.au