

XLPE PVC SWA POWER CABLES



AUSTRALIA PACIFIC ELECTRIC CABLES

Four Core Plus Earth Insulated,
Circular Cable, and Bedded,
Steel Wire Armoured, PVC Sheathed
1.5 to 300mm² 0.6/1kV 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, Black
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	17.8	44.1	MXS105E04
2.5	0.7	2.5	0.7	1.0	0.8	1.8	19.4	54.8	MXS205E04
4.0	0.7	2.5	0.7	1.0	1.25	1.8	21.7	78.0	MXS004E04
6.0	0.7	2.5	0.7	1.0	1.25	1.8	23.0	90.0	MXS006E04
10.0	0.7	4.0	0.7	1.0	1.25	1.8	25.0	114.0	MXS010E04
16.0	0.7	6.0	0.7	1.0	1.6	1.8	28.4	164.8	MXS016E04
25.0	0.9	6.0	0.7	1.0	1.6	1.9	32.5	215.0	MXS025E04
35.0	0.9	10.0	0.7	1.0	1.6	2.0	35.4	270.0	MXS035E04
50.0	1.0	16.0	0.7	1.2	2.0	2.0	41.14	381.0	MXS050E04
70.0	1.1	25.0	0.9	1.2	2.0	2.4	47.19	501.0	MXS070E04
95.0	1.1	25.0	0.9	1.4	2.0	2.5	51.70	620.0	MXS095E04
120.0	1.2	35.0	0.9	1.4	2.5	2.7	57.75	800.0	MXS120E04
150.0	1.4	50.0	1.0	1.6	2.5	2.9	64.24	980.0	MXS150E04
185.0	1.6	70.0	1.1	1.6	2.5	3.1	70.51	1176.0	MXS185E04
240.0	1.7	95.0	1.1	1.6	2.5	3.2	77.33	1450.0	MXS240E04
300.0	1.8	120.0	1.2	1.8	3.2	3.6	86.79	1859.0	MXS300E04