

ARMoured CABLES

33. SINGLE CORE XLPE AWA CIRCULAR 0.6/1KV



Commonly known as AWA cable, the Aluminium Wire Armoured cable is a power cable, designed for use in mains supply electricity. Used for underground systems, cable networks, power networks, outdoor and indoor applications, and cable ducting. It has higher insulation resistance, can smoothly travel through gland and can sustain higher impact.

STANDARD	AS/NZS 5000.1
VOLTAGE	600/1000 V
CONDUCTOR	Stranded Copper (Class 2)
INSULATION MATERIAL	XLPE (X90) Natural
BEDDING MATERIAL	PVC - Black
ARMOURING MATERIAL	Aluminium
SHEATHING MATERIAL	5V-90 Black
MAX. OPERATING TEMP.	90 °C

Product Name	Area mm²		Approx. Overall Diameter mm	
	Phase/ Neutral	Earth	3C+E	4C+E
70sqmm Cu/XLPE/ AWA/PVC	19/2.14	70	20.2	960
95sqmm Cu/XLPE/AWA/PVC	19/2.52	95	22.3	1240
120sqmm Cu/XLPE/AWA/PVC	37/2.03	120	24.2	1510
150sqmm Cu/XLPE/AWA/PVC	37/2.25	150	27.4	1900
185sqmm Cu/XLPE/AWA/PVC	37/2.52	185	30.0	2320
240sqmm Cu/XLPE/AWA/PVC	61/2.25	240	32.8	2930
300sqmm Cu/XLPE/AWA/PVC	61/2.52	300	35.6	3580
400sqmm Cu/XLPE/AWA/PVC	61/2.85	400	40.5	4600
500sqmm Cu/XLPE/AWA/PVC	61/3.20	500	44.2	5770