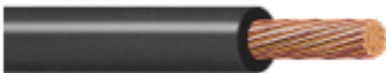


# PVC CABLES 600/1000 V

## 04. BUILDING WIRE SINGLE CORE COPPER



For separate earth conductors, For switchboard and control panel wiring.  
For fixed wiring within other enclosures or apparatus where the cable is not accessible without the use of tools.

STANDARD	AS/NZS 5000.1
VOLTAGE	600/1000 V
CONDUCTOR	Copper 1-500 mm²
INSULATION	PVC, V-90 Black, Blue, Red, White or Green/ Yellow
MAX. OPERATING TEMP.	90°C

Conductor		Overall Diameter		Approx. Mass (kg/km)
mm²	(No./mm)	Min (mm)	Max (mm)	
1	1/1.13	2.7	2.9	20
1.5	7/0.50	3.1	3.3	25
2.5	1/1.78	3.4	3.6	35
2.5	7/0.67	3.6	3.8	35
4	7/0.85	4.5	4.8	55
6	7/1.04	5.1	5.4	70
10	7/1.35	6.0	6.3	120
16	7/1.70	7.1	7.4	180
25	19/1.35	9.1	9.5	285
35	19/1.53	10.1	10.4	370
50	19/1.78	11.6	12.0	515
70	19/2.14	13.4	13.8	730
95	19/2.52	15.6	16.0	980
120	37/2.03	17.4	17.8	1250
150	37/2.25	19.3	19.7	1500
185	37/2.52	21.6	22.0	1900
240	61/2.25	24.7	25.0	2480
300	61/2.52	27.5	28.0	3100
400	61/2.85	30.9	31.5	3950
500	61/3.20	34.4	35.0	4960