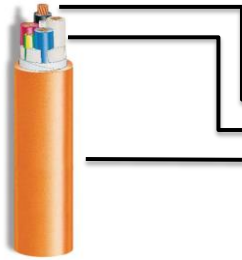


## 450/750 V Cu(Class 2)/PVC/PVC 4C+E 4mm<sup>2</sup>



**Schematic diagram of cable**

Explanation:

1. Round Cu conductor
2. PVC insulation
3. PVC outer sheath

### \* Technical data

Items	Material model	Units	Data(P)	Data(E)
Conductor Cross section	copper	mm <sup>2</sup>	4	2.5
Conductor diameter	-----	mm	2.55	2.04
Nominal thickness of insulation	V-90	mm	0.8	0.7
Diameter over insulation	-----	mm	4.15	3.44
Nominal thickness of outer sheath	5V-90	mm	1.0	
Overall diameter of cable	-----	mm	15.0	
Approx weight of cable	-----	kg/km	360	
Min. bending radius	During installation	mm	300	
	After installation	mm	225	
Current carrying capacities	In air	A	31	
	Direct buried	A	33	
Max DC resistance of conductor at 20 °C(normal)		Ω/km	4.61	7.41
High voltage test(AC3.5kV, 5min)		-----	No breakdown	
Vertical flame propagation		-----	as per AS/NZS 5000.2	

**\* Notes:**

1. Electrical characteristics are calculated based on ambient air temperature: 40 °C and soil temperature: 25°C
2. outer sheath: orange
3. insulation: Red, Black, Green & Yellow

**\* Electrical characteristics:**

1. Rated Voltage: 450/750V
2. Conductor operating temperature: -15°C~90°C

**\* Standard compliance:**

AS/NZS 5000.2: Electric cables-polymeric insulated

Designed by	Checked by	Approved by - Date
Signed by client	File reference no	AS/NZS 5000.2: 2006
	Edition	A
	Sheet	1/1