

Addison Industrial Cables

Australian Standard

PVC Insulated, 3 Cores Flat Cables, 450/750V

Application

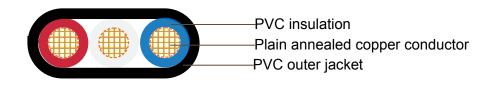
These cables are used for general wiring, unenclosed, enclosed in conduit, buried direct or in underground ducts for domestic, commercial and industrial installations where not subject to mechanical damage. Suitable for two way or intermediate switching applications.

Standard

AS/NZS 5000.2

AS 1125

AS 3808



Cable Construction

Conductor: Plain annealed copper.

Maximum operating temperature: 90°C

Insulation: PVC V90

Insulation colour: 3C cable: Red, White, Blue **Sheath:** Polyvinylchloride compound PVC 3V90

Sheath colour: White, other colors are available upon request

Technical Characteristics

Conductor Nominal Area mm²	Current Ratings			Electrical Characteristics				
	Unenclosed In Air A	Surrounded by thermal insulation A	Buried In Ducts A	Maximum DC Resistance @20°C Ohm/km	Maximum AC Resistance @75°C Ohm/km	Reactance Ohm/km	Three Phase Voltage Drop mV/Am	
1	14	7	17	18.1	27.0	0.119	54.1	
1.5	17	9	21	13.6	17.3	0.111	34.7	
2.5	25	13	29	7.41	9.45	0.102	19.0	
4	33	17	37	4.61	5.85	0.102	11.8	

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Cable Parameter

Nom. conductor	Conductor No./ OD	Nom. insulation thickness mm	Nom. sheath thickness	Nom. overa m	Approx. mass	
area mm²			mm	Min	Max	kg/km
1.0	1/1.13	0.6	0.9	8.8x4.1	9.3x4.4	75
1.5	7/0.50	0.6	0.9	9.9x4.5	10.4x4.8	95
2.5	7/0.67	0.7	1	12.1x5.4	12.7x5.7	145
4	7/0.85	0.8	1.1	14.7x6.4	15.4x6.7	220