





APPLICATION Can be used in dry and damp situations for double insulated appliances and luminaires where the cord may be subject to some mechanical stress but not rough usage. eg: Hand held lamps, office machines, etc.	STANDARD VOLTAGE	AS/NZS 3191 250/440V
	CONDUCTOR INSULATION	Copper 0.75 - 4mm ² PVC, V-90 Blue & Brown
	SHEATH	PVC, 5V-90 Black, Grey or White
	MAX. OPERATING TEMP.	60 °C (75°C)*

Item Number	Conductor		Overall Diameter		Approx. Mass kg/km	Minimum Installed Bending Radius mm
	mm ²	(No./mm)	Minimum mm	Maximum mm		
DC922	0.75	24/0.20	6.1	6.7	56	40
DC932	1.0	32/0.20	6.4	7.0	63	40
DC942	1.5	30/0.25	7.3	7.9	84	50
DC952	2.5	50/0.25	9.1	9.7	130	60
DC962	4.0	56/0.30	10.4	10.9	180	65

NB: We may not stock all sizes in all colour variations

*90°C rating only applicable when used as an interconnecting link in a permanent installation, where not subject to flexing.

CONDUCTOR	CURRENT RATING		ELECTRICAL CHARACTERISTICS				
	Nominal Area	Unenclosed In Air (a) 60°C 	Unenclosed In Air (b) 75°C 	Maximum DC Resistance @20°C	Maximum AC Resistance @60°C	Maximum AC Resistance @75°C	Single Phase Voltage Drop @75°C
	mm ²	A	A	Ω/km	Ω/km	Ω/km	mV/Am
	0.75	7.5	12	26.0	30.1	23.7	60.2
	1.0	10	15	19.5	22.7	16.2	47.2
	1.5	16	18	13.3	15.4	9.70	30.8
	2.5	20	25	7.98	9.23	6.02	18.5
	4.0	25	33	4.95	5.73	6.02	12.0

- (a) Based on 25°C ambient air temperature, maximum 60°C conductor temperature.
(b) Based on 40°C ambient temperature, 75°C conductor temperature. Rating only applicable when used as an interconnecting link in a permanent installation, where not subject to flexing.

The above information is from the following sources: AS/NZS 3008.1.1:2009 (tables 10,16, 37, 47)
AS 1125:2008 (table 2.5)

For installation with thermal insulation refer to AS/NZS 3008 for de-rating factors.
Do not put in direct contact with polystyrene, polyurethane or similar thermal insulation materials.

DOMINION WIRE & CABLES LTD.

QUALITY CABLE MANUFACTURES, DISTRIBUTORS AND EXPORTERS

LOT 3, KINGS ROAD, YALALEVU, BA. P.O. BOX 1562, BA, FIJI.

PHONE: (679)6675244 FAX: (679)6670023.

E-Mail: sales@dominioncables.com

web: www.dominioncables.com

Dominion Cables is a leader in the Cable Industry. The services of sales and technical staff are always available to assist with any enquiry.
The Dominion Cables policy is one of continual improvement. Details as published may be subject to change.

This brochure is distributed with the understanding that the authors and editors are not responsible for the results of any action taken on the basis of information in this work, or any errors or omissions. Further, Dominion Cables is not engaged in rendering professional services. Dominion Cables expressly disclaims all and any liability to any person in respect of anything and of the consequences of anything done or omitted to be done by any such person in reliance whether whole or partial of the whole or any part of the contents of this publication. All rights reserve