





APPLICATION Suitable for all fixed Wiring switchboard/control panel applications. Significant reduction in wiring installation time due to flexibility and ease of handling.	STANDARD VOLTAGE	AS/NZS 5000.1 600/1000V
	CONDUCTOR INSULATION	Copper 1 - 150mm ² PVC, V-90 See below for colour options
	MAX. OPERATING TEMP.	90°C

Item Number	Conductor		Overall Diameter Maximum	Standard Packing	
	mm ²	(No./mm)		100m	500m
DC93x	1	32/0.20	3.1	✓	
DC94x	1.5	30/0.25	3.4	✓	
DC95x	2.5	50/0.25	4.1	✓	
DC96x	4	56/0.30	5	✓	
DC97x	10	77/0.40	6.6	✓	
DC98x	16	126/0.40	7.6	✓	
DC100x	25	209/0.40	9.3	✓	
DC101x	35	285/0.40	10.4	✓	
DC102x	50	386/0.40	12.4		✓
DC103x	70	203/0.67	14.3		✓
DC104x	95	259/0.67	16.5		✓
DC105x	120	336/0.67	18.3		✓
Dc106x	150	427/0.67	20.9		✓

x=1 for Black
x=2 for Red
x=3 for White

x=4 for Blue
x=5 for Green/Yellow

NB: We may not stock all sizes in all colour variations
Bigger Size available on request

CONDUCTOR Nominal Area mm ²	CURRENT RATING (a)		ELECTRICAL CHARACTERISTICS			
	Fixed Wiring		Maximum DC Resistance @20°C Ω/km	Maximum AC Resistance @90°C Ω/km	Equivalent Star Reactance (trefoil) Ω/km	Single Phase Voltage Drop (trefoil) @90°C mV/Am
	Unenclosed In Air 	Conduit In Air 				
1	13	14	19.5	27.0	0.168	54.1
1.5	17	18	13.3	17.3	0.157	34.7
2.5	22	24	17.98	9.45	0.143	18.9
4	30	31	14.95	5.88	0.137	11.8
10	54	54	1.91	2.33	0.118	4.68
16	71	69	1.21	1.47	0.111	2.95
25	94	91	0.78	0.927	0.106	1.87
35	117	110	0.554	0.668	0.101	1.36
50	147	139	0.386	0.494	0.0962	1.01
70	185	169	0.272	0.342	0.0917	0.72
95	223	206	0.206	0.247	0.0904	0.539
120	265	237	0.161	0.197	0.0870	0.445
150	306	278	0.129	0.160	0.0868	0.381

(a) Based on 40°C ambient air temperature.

The above information is from the following sources:

AS/NZS 3008.1.1:2009 (tables 4, 30, 34, 41)
AS 1125:2001 (table 2.4)

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