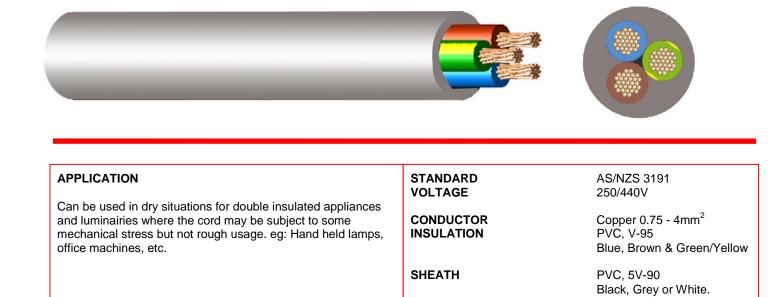


60 °C (75°C)\*



Item	Conductor		Overall I	Diameter	Approx.	Minimum
Number	mm²	(No./mm)	Minimum mm	Maximum mm	Mass kg/km	Installed Bending Radius mm
DC923	0.75	24/0.20	6.5	7.1	70	40
DC933	1	32/0.20	7.0	7.5	100	45
DC943	1.5	30/0.25	8.3	8.8	120	55
DC953	2.5	50/0.25	10.1	10.7	150	65
DC963	4	56/0.30	11.3	11.9	230	70

MAX. OPERATING TEMP.

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

\*75°C rating only applicable when used as an interconnecting link.

CONDUCTOR	CURREN	T 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 <sup>2</sup>	А	А	Ω/km	Ω/km	Ω/km	mV/Am		
0.75	7.5	9.5	26.0	30.1	31.6	63.2		
1	10	13	19.5	22.6	23.7	47.5		
1.5	16	16	13.3	15.4	16.2	32.3		
2.5	20	21	7.98	9.23	9.70	19.4		
4	25	28	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 13, 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** 

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