



<b>APPLICATION</b>  Sizes 1.0mm <sup>2</sup> and above can be used for extension leads. Suitable for situations liable to rough usage. Heavy duty cords are desirable for portable tools used for industrial applications and a must for building sites and damp and wet locations such as dairies, commercial laundries etc. Can be used in hazardous areas providing the conductor is not less than 1.5mm <sup>2</sup>	<b>STANDARD VOLTAGE</b>	AS/NZS 3191 600/1000V
	<b>CONDUCTOR INSULATION</b>	Copper 1 - 4mm <sup>2</sup> PVC, V-90 Blue, Brown & Green/Yellow
	<b>SHEATH</b>	PVC, 5V-90 Black.
	<b>MAX. OPERATING TEMP.</b>	60 °C (75°C)*

Item Number	Conductor		Overall Diameter		Approx. Mass kg/km	Minimum Installed Bending Radius mm
	mm <sup>2</sup>	(No./mm)	Minimum mm	Maximum mm		
DC933HD	1	32/0.20	9.1	9.5	120	60
DC943HD	1.5	30/0.25	10.1	10.5	190	65
DC 953 HD	2.5	50/0.25	10.1	10.7	170	70
DC963HD	4	56/0.30	13.7	14.6	290	90

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

\*75°C rating only applicable when used as an interconnecting link in a permanent installation, where not subject to flexing.

CONDUCTOR Nominal Area	CURRENT RATING		ELECTRICAL CHARACTERISTICS			
	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>	A	A	Ω/km	Ω/km	Ω/km	mV/Am
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	19.40
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)

Do not put in direct contact with polystyrene, polyurethane or similar thermal insulation materials.

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