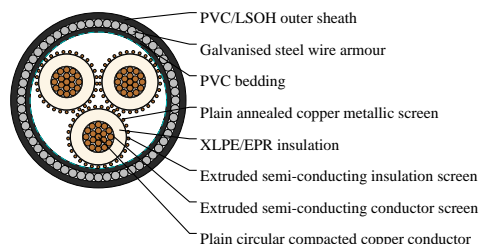
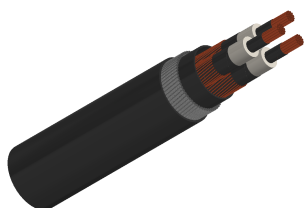




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Non-Cross-Section Area	Max. DC Resistance @20°C	Conduct AC Resistance @50Hz and 90°C	Inductive reactance @50Hz	Insulation Resistance @20°C	Conductance to screen capacitance	Max. dielectric stress	Charging current per phase	Dielectric loss per phrase	Screen DC resistance at 20°C	Armour DC Resistance at 20°C	Zero sequence resistance at 20°C	Zero seq. react. at 50Hz
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# Caledonian

Industrial Cables (Australian Standard Medium Voltage)

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mm <sup>2</sup>	Ohm/km	Ohm/km	Ohm/M	MegOhm.k	μF × km	kV × mm	A × km	W × km	Ohm/km	Ohm/km	Ohm/km	Ohm/km
50	0.387	0.494	0.121	10000	0.242	2.46	0.484	12.3	0.366	0.559	1.05	0.0725

## DIMENSION AND PARAMETERS

Nominal Cross-sectional Area	Conductor Diameter	Nominal Insulation Thickness	Nominal Diameter over Insulation	Nominal Dia. over Bedding	Screen Area on Each core	No. Diameter of Screened Wires	Nominal Armour Wire Diameter	Diameter under Armour	Nom. Diameter Over Screened Wires	Nom. Overall Diameter	Approx. Weight
mm <sup>2</sup>	mm	mm	mm	mm	mm <sup>2</sup>	no x mm	mm	mm	mm	mm	kg/km
50	8	3.4	16	45.1	49.4	29x0.85	2.5	50.1	19.3	55.7	565