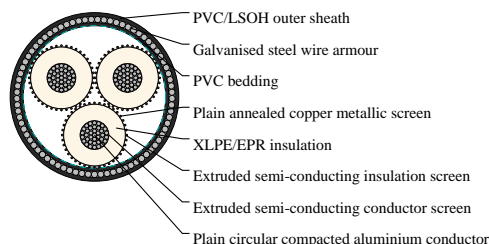




www.caledonian-cables.com

19/33kV Three Core Individual Screened & PVC/SWA/PVC Sheathed (Al Conductor) 3C120



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



Caledonian

Industrial Cables (Australian Standard Medium Voltage)

www.caledonian-cables.com

marketing@caledonian-cables.com

mm ²	Ohm/ km	Ohm/ km	Ohm/M km	MegOhm.k	μF × km	kV × mm	A × km	W × km	Ohm/ km	Ohm/ km	Ohm/ km	Ohm/ km
120	0.253	0.325	0.124	14000	0.176	3.5	1.05	79.9	0.265	0.264	0.647	0.0766

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 ²	mm	mm	mm	mm	mm ²	no x mm	mm	mm	mm	mm	kg/km
120	12.8	8	30.3	77.2	68.1	40x0.85	3.15	83.5	33.6	91.3	1100