



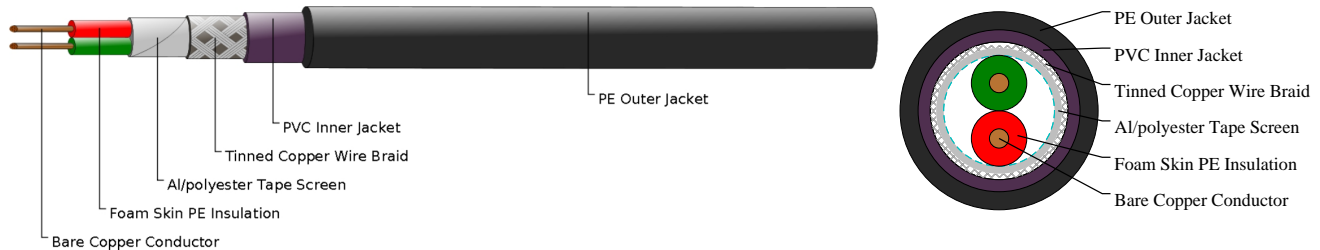
# Caledonian

Bus Cables

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## Profibus L2 Direct Burial 1P0.64 mm



## APPLICATIONS

This system cable is used to interconnect L2-BUS components. This cable is an economical solution for the cell and field area. For the information exchange between different automation systems as well as for communication with the connected decentralized field units, serial field bus systems are used. The above mentioned type is suitable for underground installation and is equipped with a special PVC/PE jacket.

## CABLE CONSTRUCTION

Conductor: Bare copper conductor, AWG 22/1  
Insulation: Foam skin PE  
Stranding Element: 2 conductors + 2 fillers stranded together  
Shielding: Polyester foil, aluminum lined  
Total Shielding: Tinned copper wire braid  
Inner Jacket: PVC  
Outer Jacket: PE

## COLOUR CODE

Insulation Colors: Red, Green  
Outer Jacket Color: Black

## PHYSICAL AND THERMAL PROPERTIES

Characteristic Impedance@3-20Hz:  $150 \Omega \pm 10 \Omega$   
Conductor Resistance: 57.1 Ohm/km max  
Insulation Resistance: 1.00 GOhm x km min  
Mutual Capacitance@1 KHz: 30.0 nF/km nom  
Working Voltage Max: 250 V  
Test Voltage: 1.5 KV  
Min. Bending Radius (Laying): 18 x OD mm  
Operating Temp. Range, min: -40 °C  
Operating Temp. Range, max: +70 °C

## DIMENSION AND PARAMETERS

Cable Construction	Approx. Overall Diameter	Approx. Weight
	mm	kg/km



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1x2x0.64 mm	10±0.2	92
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