



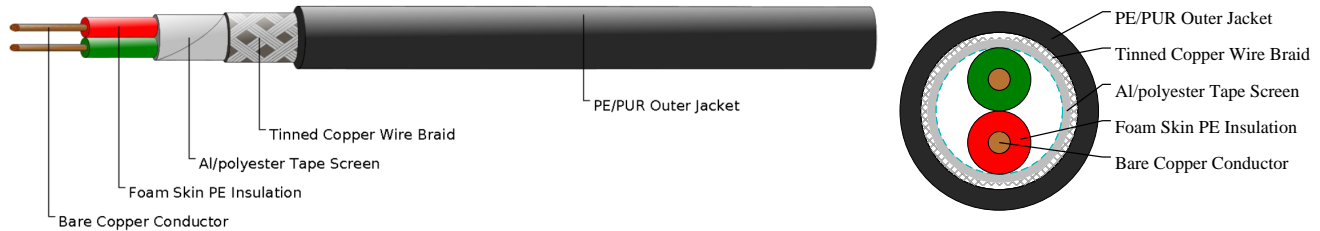
# Caledonian

Bus Cables

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## Profibus L2 Outdoor + Industry 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 types mentioned here are suitable for outdoor laying (PE jacket) and industry laying (PUR 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  
 Outer Jacket: PE/PUR

### 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: 55.0 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): 15 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	8±0.4	66
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