



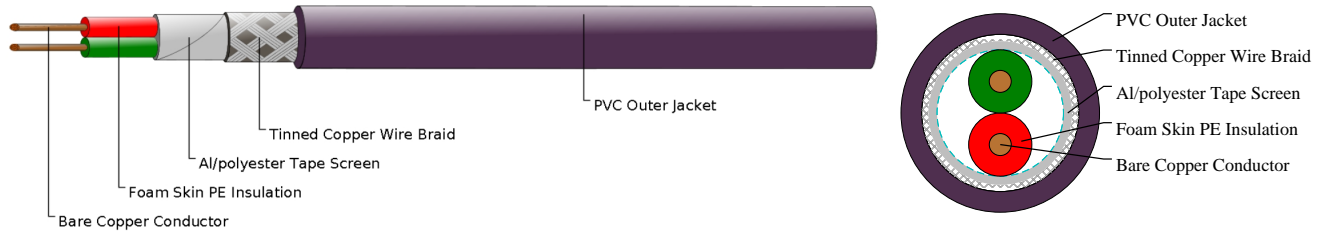
# Caledonian

Bus Cables

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## Profibus L2 Indoor 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 fieldbus systems are used. The types mentioned here are suitable for indoor laying and are equipped with a special PVC 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: PVC

### COLOUR CODE

- Insulation Colors: Red, Green
- Outer Jacket Color: Grey/Violet

### 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	7.8±0.4	69
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