



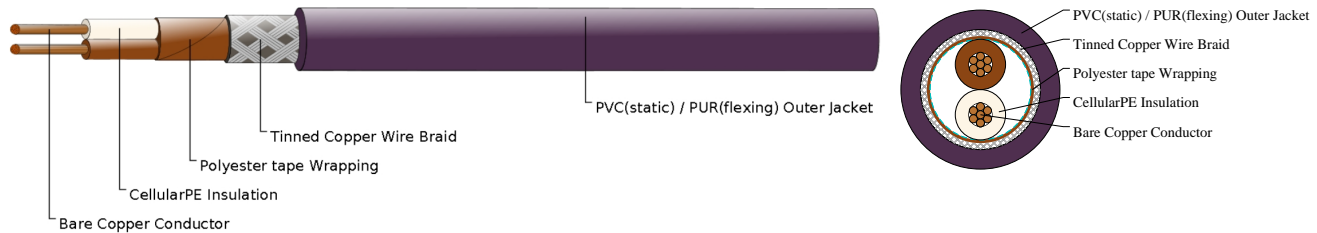
Caledonian

Bus Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

CAN-Bus 1P0.34mm²



APPLICATIONS

CAN Bus are field bus cables that conform to international CAN standard ISO-11898, CAN Bus (Control Area Network) is a non addressable system which treats all devices as equal allowing fast transmission of data. Due to its robust nature it has been widely adopted in the automotive industry. Several versions of CAN Bus cables have been developed to meet the fast changing needs of the automation industry. The PVC jacket version is designed for stationary applications, while the Halogen free PUR version is for highly flexing application.

CABLE CONSTRUCTION

- Conductor: Bare copper conductor, AWG 22/7
- Insulation: CellularPE
- Stranding Element: Double conductor
- Wrapping: Polyester foil over stranded bundle
- Total Shielding: Tinned copper wire braid
- Outer Jacket: PVC(static) / PUR(flexing)

COLOUR CODE

- Insulation Colors: White, Brown
- Outer Jacket Color: Violet

PHYSICAL AND THERMAL PROPERTIES

- Characteristic Impedance@1MHz: 120 Ω ± 10 Ω
- Conductor Resistance: 186.0 Ohm/km max
- Insulation Resistance: 1.00 GOhm x km min
- Mutual Capacitance@800Hz: 40.0 nF/km nom
- Working Voltage: 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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1x2x0.34mm ² (stranded)	6.5±0.2	54
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