



Caledonian

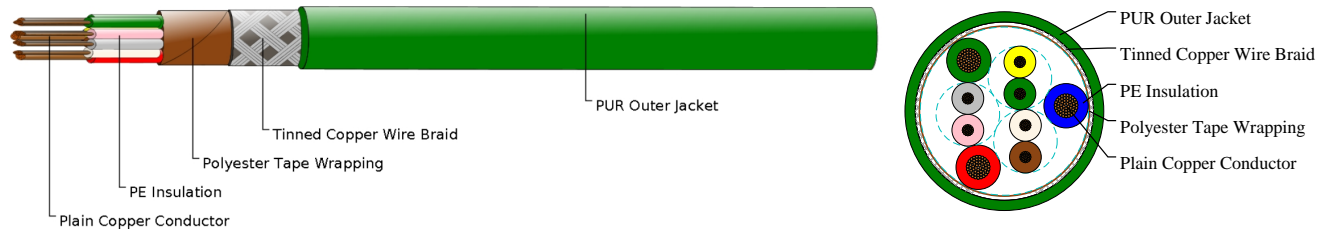
Bus Cables

www.caledonian-cables.com

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Interbus Cable

3 Pair + Power, Remote Installation Cable 3P0.22mm²+3C1mm²



APPLICATIONS

INTERBUS (IBS) are bus cables designed for use in high speed control requirements. These cables deliver precise data transmissions. Interbus cables are available in for stationary, flexible and outdoor applications. All versions are constructed with a tinned copper braid and foil shield for optimum protection against electrical interferences and have excellent data transmission characteristics. The stationary and flexing versions have an oil-resistant and flame retardant violet jacket to INTERBUS conformance requirements. The outdoor version has a UVresistant black PVC jacket for direct burial and outdoor use.

CABLE CONSTRUCTION

Inner Conductor, data: Plain copper conductor 0.22mm²
Inner Conductor, power: Plain copper conductor 1 mm²
Insulation data: PE
Insulation power: PE
Stranding Element, data: Cores twisted into pairs
Total stranding Element: Cores and pairs bunched together
Core Wrapping: Polyester taped
Total Shielding: Copper wire braid
Outer Jacket: PUR

COLOUR CODE

Insulation Colors:
Pairs: Brown/White, Green/Yellow, Pink/Grey
Cores: Red, Blue, Green
Outer Jacket Color: Green or Purple

PHYSICAL AND THERMAL PROPERTIES

Characteristic Impedance@1Hz: 120 Ω ± 20 Ω
Conductor Resistance: 96.0 Ohm/km
Insulation Resistance: 1GOhm x km min
Matual Capacitance@800Hz Max: 60nF/km
Working Voltage Max: 300 V
Test Voltage: 1.5 KV



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Min. Bending Radius: PUR: 15 x OD mm / PVC: 8 x OD mm

Operating Temp. Range, min: -30 °C

Operating Temp. Range, max: +70 °C (flexing) / +80 °C (static)

DIMENSION AND PARAMETERS

Cable Construction	Approx. Weight
	kg/km
3x2x0.22mm ² +3C1mm ²	96