



# Caledonian

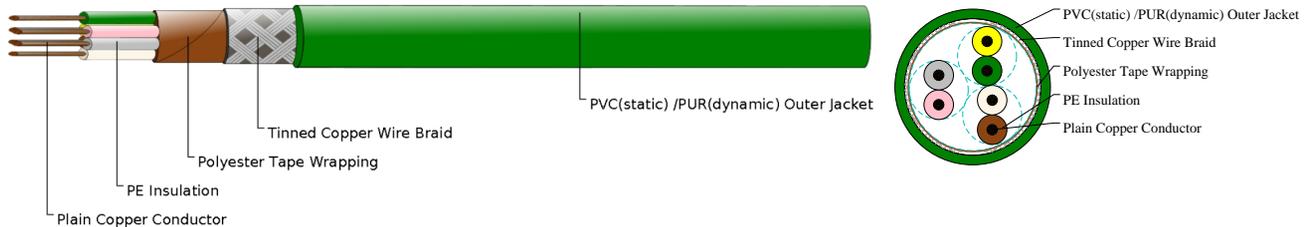
## Bus Cables

www.caledonian-cables.com

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### Interbus Cable

#### 3 Pair Remote Bus Cable 3P0.22mm<sup>2</sup>



### 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

Conductor: Plain copper conductor 0.22mm<sup>2</sup>

Insulation: PE

Stranding Element: Cores twisted into pairs, pairs bunched

Core Wrapping: Polyester taped

Total Shielding: Copper wire braid

Outer Jacket: PVC(static) /PUR(dynamic)

### COLOUR CODE

Insulation Colors: Brown/White, Green/Yellow, Pink/Grey

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

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



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Cable Construction	Approx. Weight
	kg/km
3x2x0.22mm <sup>2</sup>	67