



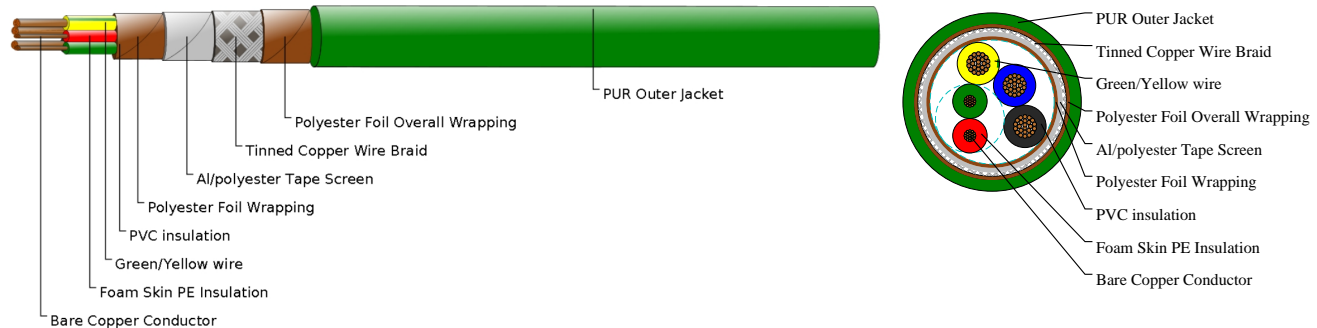
Caledonian

Bus Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

Profibus ET200X + ECOFAST 1P0.64mm+3C0.75mm²



APPLICATIONS

The Profibus-ET200X and Profibus ECOFAST lines used in the area of process automation. These BUS systems are a very 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 series hybrid are characterized by a special construction with data and power supply in one cable. These types are suited for the application in drag chains and similar mobile applications.

CABLE CONSTRUCTION

Conductor1: Bare copper conductor,AWG 22/19

Conductor2: Bare copper conductor,AWG 18/24

Insulation1: Foam skin PE

Insulation2: PVC

Stranding Element:Double conductor

Wrapping: Polyester foil over stranded bundle

Shielding1:Polyester foil, aluminum-lined

Shielding2:Tinned copper wire braid

Overall wrapping: Polyester foil

Outer Jacket: PUR

COLOUR CODE

Insulation1 Colors:Red, Green

Insulation2 Colors:Black, Blue, Green-yellow

Outer Jacket Color:Green

PHYSICAL AND THERMAL PROPERTIES

Characteristic Impedance@3-20Hz:150 Ω \pm 10 Ω

Conductor Resistance:84 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



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Min. Bending Radius (Laying): 14 x OD mm

Operating Temp. Range, min: -5 °C

Operating Temp. Range, max: +60 °C

DIMENSION AND PARAMETERS

Cable Construction	Approx. Overall Diameter	Approx. Weight
	mm	kg/km
1x2x0.65mm +3x1x0.75mm ² (stranded)	9.5±0.5	105