



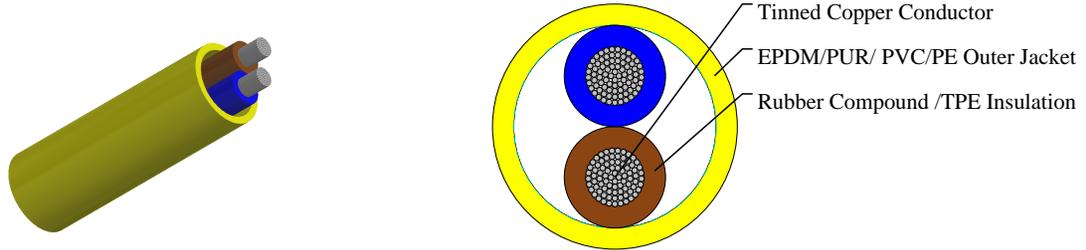
# Caledonian

Bus Cables

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## ASI-Bus 2C1.5mm<sup>2</sup>



### APPLICATIONS

ASI is standardized Europe-wide in EN 50295 and internationally in IEC 62026-2. Network system for the lowest field level (binary sensors and actuators). Data and energy are transmitted between control unit and peripherals via an unscreened, geometrically coded two-core flat cable (pole safe). The conductor is contacted by piercing technology within the ASI-modules. The special outer jacket provides protection against bio-oil, grease, and refrigerant lubricants, and the cable is therefore even suitable for applications in wet surroundings, in machinery and plant construction, as well as in the machine tool and automotive industry.

### CABLE CONSTRUCTION

Conductor: Class 6 Extra Flexible Tinned Copper Conductor

Insulation: Rubber Compound /TPE

Outer Jacket: EPDM/PUR/ PVC/PE

### COLOUR CODE

Insulation Colors: Blue, Brown

Outer Jacket Color: Yellow /Black

### PHYSICAL AND THERMAL PROPERTIES

Conductor Resistance: 27.4 Ohm/km max.

Insulation Resistance: 1.00 GOhm x km min.

Working Voltage Max: 300 V

Test Voltage: 1.0 KV at 15 min.

Min. Bending Radius (Laying): 6 x OD mm

Operating Temp. Range, min.: -40°C

Operating Temp. Range, max.: +85 °C

### DIMENSION AND PARAMETERS

Cable Construction	Approx. Weight
	kg/km
2x1.5 mm <sup>2</sup>	57