

**Part No:** 28100502  
**Description:** Can-Bus 1 x 4 x 0.50mm<sup>2</sup> One Pair Braid Screened Polyurethane (PUR) Violet Cable



### Construction

|                              |  |
|------------------------------|--|
| Conductor Material           | : Bare Copper                              |
| Conductor Size               | : 0.50mm <sup>2</sup> , 64/0.10mm          |
| Insulation Material          | : Polyethylene (PE)                        |
| Number of Cores              | : 4  |
| Overall Screen               | : Tinned Copper Wire Braid (>80% Coverage) |
| 1 <sup>st</sup> Overall Tape | : Polyester                                |
| 2 <sup>nd</sup> Overall Tape | : Fleece                                   |
| Sheath Material              | : Polyurethane (PUR)                       |
| Sheath Colour                | : Violet                                   |
| Core Identification          | : White, Brown, Yellow, Green              |

### Electrical Characteristics

|                                  |                  |
|----------------------------------|------------------|
| Nominal Conductor Resistance     | : < 40.1 Ω/km    |
| Nominal Capacitance              | : 50 pF/km       |
| Impedance                        | : 120 Ω ± 12     |
| Voltage Rating                   | : 250 V          |
| Dielectric Strength Core to Core | : 1500 Vx1min    |
| Core to Screen                   | : 1500 Vx1min    |
| Insulation Resistance @ 20°C     | : Min. 1G Ω x km |

### Physical Characteristics

|                    |                |                 |
|--------------------|----------------|-----------------|
| Overall Diameter   | : 8.5 ± 0.3mm  |                 |
| Bend Radius        | : Fixed 5 x OD | Flexing 10 x OD |
| Temperature Rating | :-40°C to 70°C |                 |
| Weight             | : 75 kg/km     |                 |

### Standards

|                      |                    |
|----------------------|--------------------|
| Halogen Gas Emission | : BS EN 60754-1&2  |
| RoHS3 Compliant      | : Yes              |
| CE Compliant         | : LVD (2014/35/EU) |