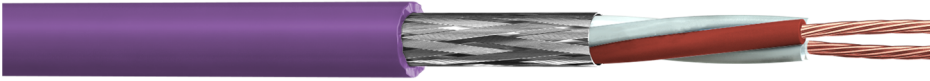


**Part No:** 28100501  
**Description:** Can-Bus 1 x 2 x 0.50mm<sup>2</sup> One Pair Braid Screened Polyurethane (PUR) Violet Cable



### Construction

Conductor Material	: Bare Copper
Conductor Size	: 0.50mm <sup>2</sup> , 64/0.10mm
Insulation Material	: Polyethylene (PE)
Number of Cores	: 2
Filler Material	: Low Smoke Halogen Free (LSHF)
Number of Fillers	: 2
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

### 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	: 7.1 ± 0.2mm	
Bend Radius	: Fixed 5 x OD	Flexing 10 x OD
Temperature Rating	:-40°C to 70°C	
Weight	: 53 kg/km	

### Standards

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