



# Caledonian Windmill Cables

## Communication Cable

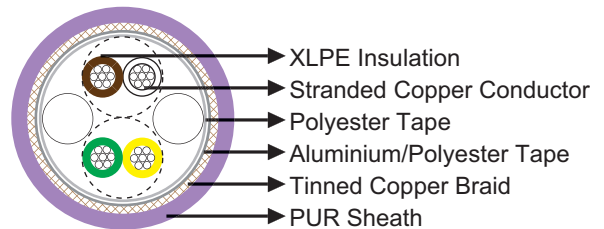
### PUR Sheathed CAN BUS 2×2×0.25mm<sup>2</sup>

#### » Application

These cables with its oil-resistant PUR sheath and increased temperature resistance is employed in the wind turbine area and similar sectors for monitoring wind speed, temperature and performance parameters.

#### » Standards

UL/CSA 21223  
DIN 19245 T3  
EN 50170



#### » Construction

**Conductor:** Stranded bare copper 19×24AWG (Section 0.25 mm<sup>2</sup>).  
**Insulation:** Irradiated cross-linked PE.  
**Cable Element:** Double core.  
**Screen 1:** Polyester tape over stranded bundle.  
**Screen 2:** Aluminium/Polyester tape.  
**Overall Screen:** Tinned copper braid.  
**Sheath:** PUR compound.

#### » Technical Data

Operating Temperatures	-40°C~+105°C
Minimum Bending Radius	126mm
Impedance	120Ohm +/-10%
Maximum Conductor Resistance @20°C	87Ohm/km
Nominal Mutual Capacitance	42nF/km
Minimum Insulation resistance	1GOhm×km
Oil Resistant	Yes
UV Resistant	Yes

#### » Dimensions and Weight

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm <sup>2</sup>	mm	kg/km
2×2×0.25	8.4	80