



Caledonian Windmill Cables

Communication Cable

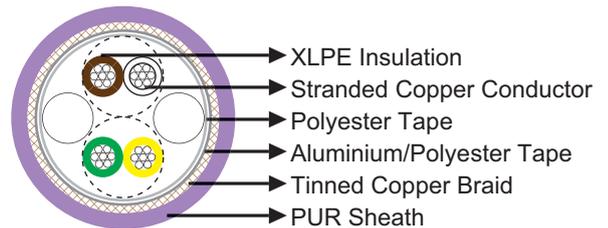
PUR Sheathed CAN BUS 2×2×0.25mm²

» 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 mm²).
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 ²	mm	kg/km
2×2×0.25	8.4	80