

# Caledonian Windmill Cables

## Communication Cable



### Indoor/Outdoor PROFIBUS

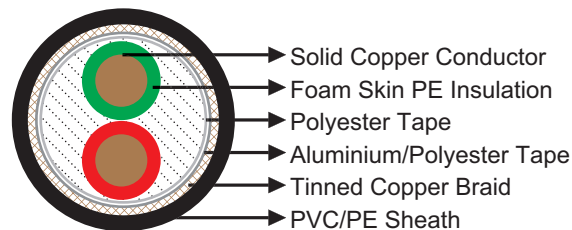
#### » Application

These cables are used in the cell and field area, suitable for indoor or outdoor installation and are equipped with special PVC or PE sheath.

#### » Standards

DIN 19245 T3  
EN 50170

#### » Construction



**Conductor:** Bare copper 1×22AWG.

**Insulation:** Foam skin PE.

**Cable Element:** Two cores with filler.

**Screen 1:** Polyester tape over stranded bundle.

**Screen 2:** Aluminium/Polyester tape.

**Overall Screen:** Tinned copper braid.

**Sheath:** PVC/PE.

#### » Technical Data

Operating Temperatures	-40°C~+70°C
Minimum Bending Radius	120mm
Impedance	150Ohm +/-10%
Maximum Conductor Resistance @20°C	55Ohm/km
Nominal Mutual Capacitance	35nF/km
Minimum Insulation Resistance	1GOhm×km



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Attenuation @9.6kHz	<2.5dB/km
Attenuation @38.4kHz	<4dB/km
Attenuation @4kHz	<22dB/km
Attenuation @16kHz	<42dB/km
Flame Retardant	IEC 60332-1/FT 1/FT 4
UV Resistant	Yes

### » Dimensions and Weight

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm	mm	kg/km
1×2×0.64 (PVC Sheath)	8.0	75
1×2×0.64 (PE Sheath)	8.0	65

