



### PVC/PVC to UL/CSA 600V Torsion Resistant Cable

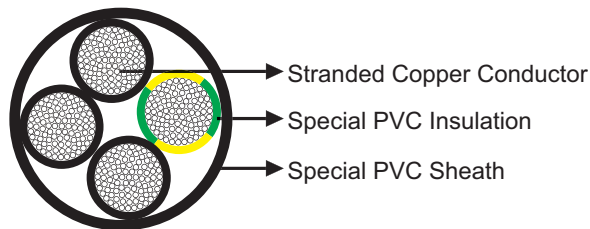
#### » Application

These cables with increased tolerance to Torsion Application, UV and oil resistant are specifically designed for the torsion applications in wind turbines.

#### » Standards

UL 758

#### » Construction



**Conductor:** Stranded bare copper according to DIN VDE 0295.

**Insulation:** Special PVC flexible at low temperatures.

**Sheath:** Special PVC flexible at low temperatures.

#### » Technical Data

Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	600V
Operating Temperatures	flexing: -40°C~+80°C; fixed: -40°C~+80°C
Minimum Bending Radius	flexing: 10×OD; fixed: 4×OD
Torsion Application	+/-140°/m
Flame Retardant	CSA C 22.2
Oil Resistant	IEC 60811-2-1
UV Resistant	Yes



# Caledonian Windmill Cables

## Power Cable

### » Dimensions and Weight

Construction	AWG /MCM	Nominal Overall Diameter	Nominal Weight
No. of cores×mm <sup>2</sup>	-	mm	kg/km
4×0.34	22	7.1	86
4×0.5	20	7.4	99
6×0.5	20	8.6	121
10×0.5	20	10.8	165
12×0.5	20	11.1	208
3×0.75	19	7.3	77
4×0.75	19	7.9	100
5×0.75	19	8.6	120
7×0.75	19	10.0	170
10×0.75	19	11.0	200
12×0.75	19	11.8	220
14×0.75	19	12.5	238
16×0.75	19	13.2	271
18×0.75	19	13.9	310
21×0.75	19	15.2	380
25×0.75	19	16.9	490
32×0.75	19	18.2	560
36×0.75	19	19.1	620
40×0.75	19	20.5	729
41×0.75	19	20.8	729
50×0.75	19	23.5	990
4×1	18	8.3	100
5×1	18	9.0	110
7×1	18	10.5	140
10×1	18	13.0	220
12×1	18	13.2	240
14×1	18	13.4	280
16×1	18	14.1	310
18×1	18	15.1	360
21×1	18	16.7	410
25×1	18	18.4	500
32×1	18	19.8	590
36×1	18	20.6	700
40×1	18	22.4	800
41×1	18	22.4	810
50×1	18	24.6	980
2×1.5	16	7.9	75
3×1.5	16	8.0	110
4×1.5	16	8.9	131
5×1.5	16	9.7	165
7×1.5	16	12.0	210
10×1.5	16	13.1	270

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## Power Cable

Construction No. of cores×mm <sup>2</sup>	AWG /MCM -	Nominal Overall Diameter mm	Nominal Weight kg/km
12×1.5	16	14.3	360
14×1.5	16	14.9	420
16×1.5	16	15.7	450
18×1.5	16	16.8	510
21×1.5	16	17.8	590
25×1.5	16	20.6	700
32×1.5	16	22.2	900
36×1.5	16	23.1	980
40×1.5	16	25.0	1030
41×1.5	16	25.0	1050
50×1.5	16	27.7	1200
3×2.5	14	8.9	151
4×2.5	14	9.7	230
5×2.5	14	10.9	250
7×2.5	14	14.4	360
10×2.5	14	15.8	480
12×2.5	14	16.3	580
19×2.5	14	20.4	690
3×4	12	10.8	250
4×4	12	12.0	270
5×4	12	13.6	370
7×4	12	15.9	530
12×4	12	19.6	740
3×6	10	13.1	340
4×6	10	14.6	460
5×6	10	16.3	550
7×6	10	19.6	780
4×10	8	17.4	670
5×10	8	20.1	870
7×10	8	23.5	1150
4×16	6	22.6	1000
5×16	6	25.4	1250
4×25	4	26.5	1580
5×25	4	28.2	1900
4×35	2	31.4	2100
5×35	2	35.4	2600
4×50	1	36.7	2800
1×35	2	12.9	460
1×70	2/0	17.9	880
1×95	3/0	21.9	1230
1×120	4/0	23.1	1540
1×150	300	27.2	1870
1×185	350	28.0	2300
1×240	500	31.2	2970
1×300	600	35.0	3730
1×400	750	39.3	4500