



## Power Cable

### UL/CSA 1000V PVC/PVC Screened Torsion Resistant Cable 90°C

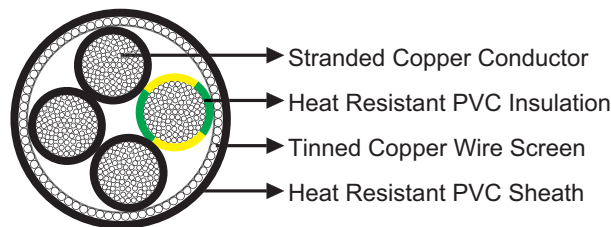
#### » Application

These cables with increased tolerance to torsion application, UV and oil resistant are specifically designed for wind power applications.

#### » Standards

UL 758

#### » Construction



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

**Insulation:** Special heat resistant PVC.

**Screen:** Tinned copper wire wrapped.

**Sheath:** Special heat resistant PVC.

#### » Technical Data

Rated Voltage U0/U (Um)	1000V
Operating Temperatures	flexing: -35°C~+90°C; fixed: -40°C~+90°C
Minimum Bending Radius	10×OD
Torsion Application	+/-90°/m
Flame Retardant	FT1
Oil Resistant	Yes
UV Resistant	Yes



### » Dimensions and Weight

Construction No. of cores×mm <sup>2</sup>	AWG /MCM -	Nominal Overall Diameter mm	Nominal Weight kg/km
2×2×0.25	24	8.9	90
4×2×0.25	24	9.9	115
5×2×0.25	24	11.1	130
4×0.34	22	7.7	91
2×2×0.34	22	9.6	110
4×2×0.34	22	11.0	130
4×0.5	20	8.0	105
6×0.5	20	9.2	130
10×0.5	20	11.4	170
12×0.5	20	11.7	220
2×2×0.5	20	9.8	115
4×2×0.5	20	11.3	150
3×0.75	19	7.7	97
4×0.75	19	8.3	122
5×0.75	19	9.0	145
7×0.75	19	9.7	200
8×0.75	19	10.7	220
12×0.75	19	12.2	258
18×0.75	19	14.4	400
25×0.75	19	17.8	552
32×0.75	19	18.8	610
40×0.75	19	21.2	805
41×0.75	19	21.2	795
50×0.75	19	23.5	900
2×2×0.75	19	10.4	130
3×2×0.75	19	11.5	172
4×2×0.75	19	12.7	211
8×2×0.75	19	17.1	410
12×2×0.75	19	17.6	520
4×1.0	18	8.7	110
6×1.0	18	10.2	150
8×1.0	18	11.7	210
12×1.0	18	13.3	280
2×1.5	16	6.8	86
3×1.5	16	8.8	133
4×1.5	16	9.4	159
5×1.5	16	10.3	195
7×1.5	16	11.9	247



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Construction No. of cores×mm <sup>2</sup>	AWG /MCM -	Nominal Overall Diameter mm	Nominal Weight kg/km
12×1.5	16	14.7	410
2×2×1.5	16	12.1	180
3×2×1.5	16	14.0	210
4×2×1.5	16	14.6	235
3×2.5	14	10.4	210
4×2.5	14	10.6	264
5×2.5	14	12.3	288
7×2.5	14	14.8	411
12×2.5	14	18.2	638
5×4	12	13.6	382
7×4	12	16.3	582
12×4	12	20.0	806
5×6	10	17.4	640
4×10	8	17.8	727
5×10	8	19.8	935
4×16	6	21.1	1072
5×16	6	26.2	1330
4×25	4	26.0	1664
5×25	4	28.6	2014
4×50	1	37.0	3200
1×70	2/0	19.8	950
1×95	3/0	22.5	1280
1×120	4/0	25.0	1570
1×150	300	24.9	2000
1×185	350	27.8	2340
1×240	500	33.0	3150
1×300	600	39.0	3920
1×400	750	43.0	5100
1×500	1000	46.5	6200