



DLO 2kV Torsion Resistant Cable to UL 44

» Application

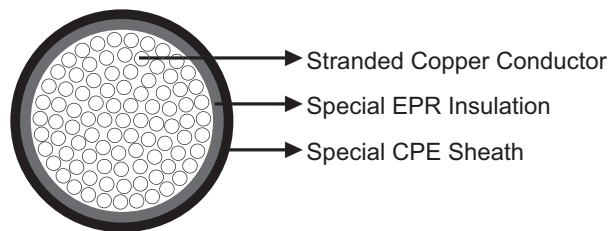
These cables are used for main power layout from the nacelle to the base of the wind tower.

» Standards

UL 44

ICEA S-68-516/NEMA WC-8

» Construction



Conductor: Stranded tinned copper according to ASTM B-172/ ASTM B-33.

Insulation: Special EPR. XLPO can be offered upon request.

Sheath: Special CPE. XLPO can be offered upon request.

» Technical Data

Rated Voltage U ₀ /U (U _m)	2000V
Operating Temperatures	-40°C~+90°C
Minimum Bending Radius	flexing: 6×OD; fixed: 4×OD
Torsion Application	+/-180°/m
Flame Retardant	IEEE 1202/CSA FT4 FT1
Oil Resistant	Yes
UV Resistant	Yes
Cold Resistant	CSA C 22.2



Power Cable

» Dimensions and Weight

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×AWG/MCM	mm	kg/km
1×14	5.9	37
1×12	6.3	69
1×10	7.2	100
1×8	8.2	142
1×6	10.1	200
1×4	11.5	286
1×2	12.6	370
1×1	16.1	637
1×1/0	17.5	715
1×2/0	18.5	830
1×3/0	20.2	1104
1×4/0	21.7	1298
1×262	24.8	1590
1×313	26.4	1872
1×373	28.2	2176
1×444	30.0	2570
1×535	32.2	3046
1×646	34.8	3600
1×777	37.0	4290
1×929	39.5	5144
1×1111	44.4	6070