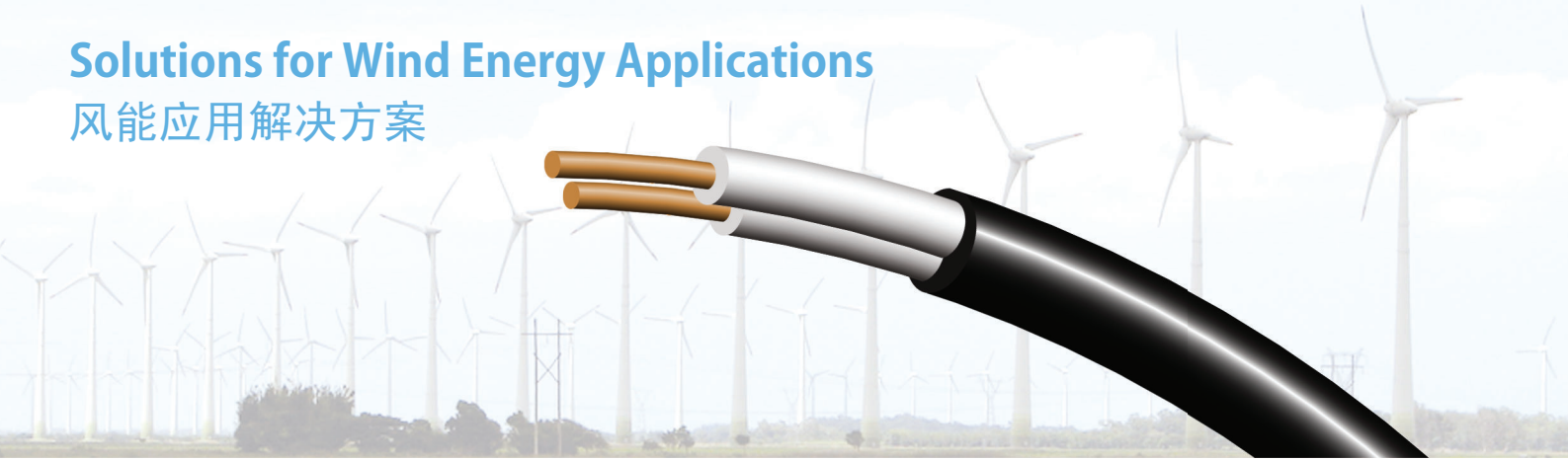


## Solutions for Wind Energy Applications

### 风能应用解决方案



### Applications 应用

LTK **UL-WTTC** cable applications include control and instrumentation functions in,

- Pitch & Yaw drive control
- Interconnection of gearbox, blades and tower
- Brake control
- Heating and cooling systems
- Pumps & Gearbox
- Blade pitch control
- Monitoring systems

乐庭 **UL-WTTC** 风能电线应用包括以下仪器及控制功能·

- 变桨及偏航齿轮控制
- 齿轮箱、叶片、塔架内部连接
- 制动控制
- 供热及冷却系统
- 泵及齿轮箱
- 叶片变桨控制
- 监测系统

### Product Description 产品说明

The cable series is compliant of **UL WTTC** standard, constructions are designed to provide maximum operational efficiency in wind turbine applications. Designed for the harshest conditions, cables are capable of withstanding the effects of temperature extremes, humidity, oil exposure, flexing & vibration, high EMI emissions.

线材线材通过 **UL WTTC** 标准·结构专门为风机应用提供最高运作效能·特别於极端温度、湿度、油浸、屈曲及震动·电磁干扰等环境·依然运作如常。

### Characteristics 特性

- Conductor : 18 to 2 AWG
- Voltage : 1000 VRMS (Max), 600 VRMS (Operating)
- Rated temperature : 90°C
- Cold Bend : -40°C, Cold Impact : -25°C
- Flammability test : FT4, IEEE 1202/383
- Torsion test : 10,000 cycles
- Oil resistance : Oil Res I & II
- Reference standard : UL Type WTTC UL 2277, c(UL) 600 V CIC

- 导体 : 18 - 2 AWG
- 电压 : 1000 VRMS (最高), 600 VRMS (运作)
- 额定温度 : 90°C
- 冷弯曲 : -40°C, 冷冲压 : -25°C
- 燃烧测试 : FT4, IEEE 1202/383
- 扭力测试 : 10,000 次
- 防油标准 : Oil Res I & II
- 参考标准 : UL Type WTTC UL 2277, c(UL) 600 V CIC

# Specifications 规格

Part No. 型号	No of Cores 芯数	Conductor 导体		Insulation 绝缘		Jacket 护套		Diameter 线径 (mm)	Maximum Conductor DC Resistance 最大导体直流电阻 (Ohm/km)
		AWG	Construction 结构	Material 物料	Nom. Thickness 名义厚度 (mm)	Material 物料	Nom. Thickness 名义厚度 (mm)		
WEU02102311	2	2	19/35/0.254 SBC*	PVC / Nylon	1.38/0.15	PVC	1.65	26.80	0.56
WEU04102311	2	4	7/60/0.254 SBC*	PVC / Nylon	1.35/0.15	PVC	1.55	22.80	0.90
WEU06102311	2	6	19/7/0.36 SBC*	PVC / Nylon	0.95/0.15	PVC	1.60	18.50	1.40
WEU08102311	2	8	7/37/0.2 SBC*	PVC / Nylon	0.95/0.15	PVC	1.45	15.80	2.10
WEU10102311	2	10	105/0.254 SBC*	PVC / Nylon	0.65/0.15	PVC	1.55	12.40	3.37
WEU10112311	12	10	105/0.254 SBC*	PVC / Nylon	0.65/0.15	PVC	1.90	23.00	3.37
WEU12102311	2	12	65/0.254 SBC*	PVC / Nylon	0.48/0.15	PVC	1.35	10.00	5.39
WEU12112311	12	12	65/0.254 SBC*	PVC / Nylon	0.48/0.15	PVC	1.57	18.20	5.39
WEU14102311	2	14	41/0.254 SBC*	PVC / Nylon	0.56/0.15	PVC	1.25	9.20	8.55
WEU14112311	12	14	41/0.254 SBC*	PVC / Nylon	0.56/0.15	PVC	1.35	16.50	8.55
WEU16102311	2	16	26/0.254 SBC*	PVC / Nylon	0.56/0.15	PVC	1.30	8.50	13.89
WEU16112311	12	16	26/0.254 SBC*	PVC / Nylon	0.56/0.15	PVC	1.33	14.80	13.89
WEU18102311	2	18	16/0.254 SBC*	PVC / Nylon	0.52/0.15	PVC	1.25	7.60	21.80
WEU18112311	12	18	16/0.254 SBC*	PVC / Nylon	0.52/0.15	PVC	1.26	13.00	21.80

\*SBC - Stranded Bare Copper 综合裸铜

For More Information, please email to [sales@ltkable.com](mailto:sales@ltkable.com) or visit us at [www.ltkable.com](http://www.ltkable.com).

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