

Rubber Cable Series 橡胶电缆系列

Applications 应用

LTK's **Rubber Cable** series - compliant of various industrial standard, is widely used in applications of

乐庭的**橡胶电缆**系列, 通过多种工业标准。普遍应用于以下范围。

- Industrial Applications

- Tools & Agricultural Machinery
- Hand-held & Power Supply Devices
- Switch Cabinets and Equipment Wiring
- Trains and Buses

- 工业应用

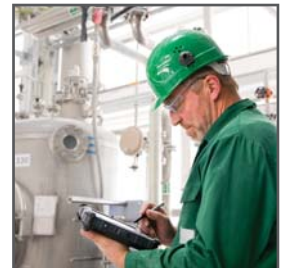
- 农业机械及工具
- 手提及供电装置
- 开关柜及设备连线
- 火车及巴士

- Wind Energy Applications

- Power Supply of Wind Tower & Turbine
- Control Panel, Deflection System, Light Protection System, AC Conversion System

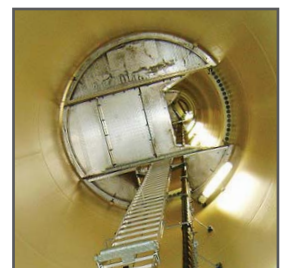
- 风能应用

- 风机及风塔电力传送
- 控制面板、风向调节系统、防雷系统、交流电转换系统



Technical Information 技术资料

Item 项目	Cable Type 线缆类型	H07BN-F	H07RN-F	NSGAFÖU
Conductor 导体		Stranded Bare Copper 绞合裸铜	Stranded Bare Copper 绞合裸铜	Stranded Tinned Copper 绞合镀锡铜
Conductor Construction 导体结构标准		VDE 0295 / IEC 60228 Class 5 or VDE 0295 / IEC 60228 Class 6	VDE 0295 / IEC 60228 Class 5	VDE 0295 / IEC 60228 Class 5
Insulation 绝缘		Rubber (EPR) Type EI 7 DIN VDE 0207 clause 20	Rubber (EPR) Type EI 4 DIN VDE 0282 part 1 & HD 22.1	Rubber (EPR) Type 3GI3 DIN VDE 0207 part 20
Jacket 护套		Rubber (CR or CSP) Type EM 7 DIN VDE 0207 clause 21	Rubber (PCP) Type EM 2 DIN VDE 0282 part 1 & HD 22.2	Rubber (PCP) Type 5GM3 DIN VDE 0207 part 21
Rated Voltage 额定电压		U0/U : 450/750V AC U0/U : 600/1000V AC	U0/U : 450/750V AC	U0/U : 1800 / 3000 V
Test Voltage 测试电压		2500 V	2500 V	6000 V
Operating Temperature 运作温度		Wind energy : -40 °C ~ +90 °C	Flexible use : 25 °C ~ +60 °C	Flexible use : -25 °C ~ +90 °C Fixed installation : -40 °C ~ +90 °C
Approval Standard 认可标准		VDE 0282 Part 12 / HD 22.12	VDE 0282 Part 4 / HD 22.4 S4	VDE 0250 Part 602



Characteristics 产品特性

Item 项目	Cable Type 线缆类型		
	H07BN-F	H07RN-F	NSGAFÖU
Flame Retardant 阻燃	IEC 60332-1-2	IEC 60332-1-2	IEC 60332-1-2
Oil Resistant 耐油	EN60811-2-1	EN60811-2-1	EN60811-2-1
Short-Circuit Temperature at Conductor 导体短路温度	+250°C (Max 5s)	+250°C (Max 5s)	-
Torsion Requirements 抗扭要求	-40°C ±1080° x 3600 times @ 12m; 3.0kV U0/5min not break	-40°C ±1080° x 3600 times @ 12m; 3.0kV U0/5min not break	-40°C ±1080° x 3600 times @ 12m; 3.0kV U0/5min not break
Seawater Corrosion Resistant 耐海水腐蚀	NaCl : MgCl ₂ = 7 : 1 30g/L, pH 7.0 – 8.0, 40°C 2.5kV U0/5min not break	NaCl : MgCl ₂ = 7 : 1 30g/L, pH 7.0 – 8.0, 40°C 2.5kV U0/5min not break	NaCl : MgCl ₂ = 7 : 1 30g/L, pH 7.0 – 8.0, 40°C 2.5kV U0/5min not break

Part No 型号	Cable Type 线缆类型	Conductor 导体 (n x mm ²)	Outer Diameter 外径 Approx.(mm)	Copper Weight 铜重 (kg/km)	Total Weight 总重量 Approx.(kg/km)
OR-H07BN4-01	H07BN4-F Wind Class5	1 X 95	22.9	912	1300
OR-H07BN4-07		1 X 400	40	3840	4400
OR-H07BN4-11	H07BN4-F Wind Class6	1 X 95	22.4	912	1230
OR-H07BN4-17		1 X 400	40	3840	4400
OR-H07RN-01	H07RN-F Multiple Core	3G1	8.3-10.7	29	130
OR-H07RN-45		4G240	72-91	9216	12800
OR-H07RN-51	H07RN-F Single Core	1 X 1.5	5.7-7.1	14.4	59
OR-H07RN-66		1 X 300	33.5-41.9	2880	3479
OR-NSGAFÖU-01	NSGAFÖU	1 X 1.5	7	14.4	60
OR-NSGAFÖU-16		1 X 300	38	2880	3545

1. Only part of products are listed above (Products are selected with minimum / maximum value of conductor and diameter). 以上表格只列出一部份产品 (根据产品当中, 最少/最大导体及导线数值列出)
2. The above information is for reference only, and is subject to the final specification. 以上数字仅为参考值, 数字以最终规格书为准。

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