

High Temp PTFE Cable Series

高温 PTFE 电线系列

260°C

Applications 应用

LTK's PTFE cable series - with outstanding electrical properties, is widely used in high performance applications of

- Aerospace
- Industrial equipment
- Transportation
- Telecommunications equipment
- Specialty

乐庭 PTFE 电线系列 - 拥有优越的电子特性, 广泛采用于以下的高效应用:

- 航空业
- 工业设备
- 运输业
- 电信设备
- 专业产品



Product Description 产品说明

The product provides various types of PTFE insulation, material selection of shielding and conductor for applications in different temperature range.

产品提供多种 PTFE 绝缘, 屏蔽及导体物料选择, 以配合不同温差的应用。



Characteristics 特性

- Conductor :
 - Hookup wire : 30 to 16 AWG
 - Coaxial Cable : 0.30 to 1.50mm
- Rated voltage : 250 - 1000V
- Rated temperature :
 - Silver-plated conductor : -55 - 200°C
 - Nickel-plated conductor : -55 - 260°C
- Reference standard :
 - Flammability test : UL VW-1
 - Hookup wire : MIL-W-16878/4/5/6, NEMA HP3(Type ET, Type E, Type EE), UL 1213/1180/1371
 - Coaxial Cable : MIL-C-17

- 导体 :
 - 电子线 : 30 - 16 AWG
 - 同轴电线 : 0.30 to 1.50mm
- 额定电压 : 250 - 1000V
- 额定温度 :
 - 镀银软铜导体 : -55 - 200°C
 - 镀镍铜导体 : -55 - 260°C
- 参考标准 :
 - 燃烧测试 : UL VW-1
 - 电子线 : MIL-W-16878/4/5/6, NEMA HP3(Type ET, Type E, Type EE), UL 1213/1180/1371
 - 同轴电线 : MIL-C-17



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。

Please contact us for more details 请联系我们以索取更多资讯

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Cable Structure 线缆结构

1. Hookup Wire 电子线

Part No. 型号	Conductor 导体		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)		
PTFE-16878-003	30	1/0.254 SPC*	PTFE	0.16	0.56	354.0
PTFE-16878-002	28	7/0.127 SPC*	PTFE	0.16	0.69	208.5
PTFE-029	26	7/0.16 SPC*	PTFE	0.16	0.79	130.2
PTFE-027	24	7/0.20 SPC*	PTFE	0.26	1.12	82.7
PTFE-014	22	19/0.16 SPC*	PTFE	0.26	1.27	49.5
PTFE-028	22	19/0.16 SPC*	PTFE	0.39	1.53	49.5
PTFE-O-6282	18	19/0.25 NPC**	PTFE	0.24	1.75	21.2

*SPC - Silver Plated Copper 镀银软铜

**NPC - Nickel Plated Copper 镀镍铜线

2. Coaxial Cable 同轴电缆

Part No. 型号	Conductor 导体		Braid Type 编织类型		Insulation 绝缘		Jacket 护套		Dia 线径 (mm)	Maximum Conductor DC Resistance 最大导体 直流电阻 (Ohm/km)
	mm ²	Construction 结构	Material 物料	No. of Layers 层数	Material 物料	Nom. Thickness 名义厚度 (mm)	Material 物料	Nom. Thickness 名义厚度 (mm)		
PTFE-V-4830	0.30	7/0.10 SPCCS#	SCC##	1	PTFE	0.84	FEP	0.27	1.80	801.00
PTFE-V-4828	0.94	1/0.94 SPCCS#	SCC##	2	PTFE	1.01	FEP	0.41	4.95	63.30
PTFE-V-4829	1.50	1/1.50 SPCCS#	SCC##	2	PTFE	1.60	FEP	0.45	7.11	26.20

SPCCS - Silver Plated Copper Covered Steel 镀银铜包钢

SCC - Silver Coated Copper 镀银软铜线

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