

LANmark-6A 数据铜缆 GB 31247 B1

- 是10Gbase-T应用的理想介质
- 完全符合最新国际规范中对CAT 6A和Class EA的定义
- 保证500mhz传输带宽
- 360度全屏蔽，杜绝外部串扰
- 满足GB 31247 B1-(d0,t0,a1)

产品应用

LANmark-6A F/UTP 线缆是支持10G以太网网络的理想解决方案。是专门设计来

支持所需的更高频率10G以太网,同时完全向后兼容已满足现今和以后的市场需求。所有

LANmark-6A电缆采用屏蔽方式,以防止外来串扰其他外部干扰。

- 10Base-T 以太网
- 100Base-TX Fast 以太网
- 1000Base-TX Gigabit 以太网
- 10GBase-T 10 Gigabit 以太网 IEEE 802.3
- 155 Mbit ATM
- 1.2 Gbit ATM
- 将来的Cat 6A and Class EA应用

产品性能

传输带宽为500MHz,耐克森LANmark-6A 线缆超越国际标准：ISO/IEC 11801, IEC 61156-5,

EN 50173, EN 50288 and TIA/EIA 568-C.2的规定。

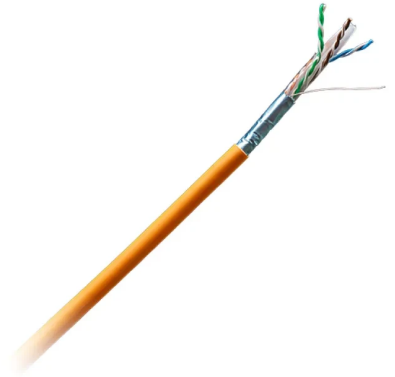
配合使用耐克森LANmark-6A Evo打线方式的模块 和LANmark-6A Ultim系列的跳线,整个

可达到IEEE 802.3an中 10GBase-T的定义。满足并超越TIA/EIA 568-C.2 中Category 6A 和

ISO/IEC 11801中Class EA 链路和通道的产品要求。

产品安装

The LANmark-6A 线缆相对于CAT6 的屏蔽线缆而言，在安装和端接方面具有更优的



STANDARDS

ANSI/TIA-568-C.2

EN 50173-1

EN 50288-4-1

GB 31247

IEC 61156-5

ISO/IEC 11801

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尺寸和弯曲能力。

The LANmark-6A F/UTP线缆的屏蔽结构采用的是整体屏蔽纵包4对线。在端接时，铝箔需要外翻，目的在于在铝箔与LANmark系列模块的连接，用于阻挡EMC干扰，提供了整个链路的持续屏蔽能力。

支持手持式分析器的正确设置，以便进行安装测试。实际电缆NVP值在线缆印字中已经给出。

产品质保

在线缆的印字和产品包装上都需要有追溯码，以便于在安装后对产品的质量进行追溯。

Electrical Performance LANmark-6A Cable (International)

Freq in MHz	Attm in dB		NEXT in dB		PSNEXT in dB		ACR-F in dB		PS ACR-F in dB		PS ANEXT in dB		PS AACR-F in dB		RL in dB	
	Max	Typ	Min	Typ	Min	Typ	Min	Typ	Min	Typ	Min	Typ	Min	Typ	Min	Typ
1	2.1	2.1	74.3	79.3	72.3	77.3	67.8	67.8	64.8	64.8	67.0	90.0	67.0	76.7	20.0	26.0
4	3.8	3.8	65.3	70.3	63.3	68.3	55.8	75.8	52.8	72.8	67.0	90.0	66.2	75.9	23.0	29.0
10	5.9	5.9	59.3	64.3	57.3	62.3	47.8	67.8	44.8	64.8	67.0	87.0	58.2	67.9	25.0	31.0
16	7.5	7.5	56.2	61.2	54.2	59.2	43.7	63.7	40.7	60.7	67.0	85.0	54.1	63.8	25.0	31.0
20	8.4	8.4	54.8	59.8	52.8	57.8	41.8	61.8	38.8	58.8	67.0	84.0	52.2	61.9	25.0	31.0
31.25	10.5	10.5	51.9	56.9	49.9	54.9	37.9	57.9	34.9	54.9	67.0	82.1	48.3	58.0	23.8	29.8
62.5	15.0	15.0	47.4	52.4	45.4	50.4	31.9	51.9	28.9	48.9	65.6	79.0	42.3	52.0	21.5	27.5
100	19.1	19.1	44.3	49.3	42.3	47.3	27.8	47.8	24.8	44.8	62.5	77.0	38.2	47.9	20.1	26.1
155	24.1	24.1	41.4	46.4	39.4	44.4	24.0	44.0	21.0	41.0	59.6	74.1	34.4	44.1	18.8	24.8
200	27.0	27.0	39.8	44.8	37.8	42.8	21.8	41.8	18.8	38.8	58.0	72.5	32.2	41.9	18.0	24.0
250	31.1	31.1	38.3	43.3	36.3	41.3	19.8	39.8	16.8	36.8	56.5	71.0	30.9	39.9	17.3	23.3
300	34.3	34.3	37.1	42.1	35.1	40.1	18.3	38.3	15.3	35.3	55.3	69.8	28.7	38.4	16.8	22.8
600	45.3	45.3	33.8	38.8	31.8	36.8	13.8	33.8	10.8	30.8	52.0	66.5	24.2	33.9	15.2	21.2

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CHARACTERISTICS

结构特性

外护套



低烟无卤



电缆类型

U/UTP

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Product list

Aginode ref.	Country ref.	Name	外护套	电缆类型
 N100.638G-GB1	-	LANmark-6A U/UTP AWG23 Cat 6A LSZH GB 31247 B1 (d0,t0,a1) 橙色 305m 塑料 盘	低烟无卤	U/UTP
 N100.672G-GB1	-	LANmark-6A F/UTP AWG23 Cat 6A LSZH GB 31247 B1 (d0,t0,a1) 橙色 500m/ 轴	低烟无卤	F/UTP

 = Make to order,  = In Stock

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