LANmark-6 数据铜缆

LANMARK-6 U/UTP PVC CM 305M REEL IN BOX

Aginode Ref: N100.614-D9

- 符合最新的六类国际标准
- 支持 Class E 链路的应用
- 中心十字骨架确保了线对的位置和线缆的性能
- 测试到 350MHz



应用

LANmark-6 电缆面向未来的网络应用. 特殊的设计以满足未来协议的严格需求, 并且兼容当前的需要. 此种电缆是将来安装的最佳选择.

- 以太网
- 快速以太网
- 千兆以太网
- 155 MBit ATM
- 622 MBit ATM
- 1.2 Gbit ATM
- 未来 class E 等级的应用

LANmark-6 经过独立,完全的测试认证,其性能超越ISO/IEC 11801:2002 六类需求.

STANDARDS

IEC 61156-5
ISO/IEC 11801-1
TIA/EIA-568-B.2
UL 1581

性能

测试到 350 MHz ,性能保障为 250 MHz, Aginode LANmark-6 电缆提供了超越所有世界,欧洲以及北美的电缆标准需求的性能预留和带宽,这些标准包括ISO/IEC 11801:2002, IEC 61156-5, EN 50173, EN 50288, TIA/EIA 568-B.2-1.

安装

LANmark-6 和超五类线缆的正确安装方法一样. C[3]
中心十字骨架减少了线对之间的扭曲和变形.

Electrical Performance LANmark-6 Cable

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

	IL		NEXT		PSNEXT		ACR-F		PS ACR-F		RL	
Freq.	in Db/100m		in dB		in dB		in dB		in dB		in dB	
in MHz	Max.	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.
1	2,0	2,0	74,3	80,3	72,3	78,3	67,8	72,8	64,8	69,8	20,0	22,0
4	3,8	3,8	65,3	71,3	63,3	69,3	55,8	60,8	52,8	57,8	23,0	25,0
10	6,0	6,0	59,3	65,3	57,3	63,3	47,8	52,8	44,8	49,8	25,0	27,0
16	7,6	7,6	56,2	62,2	54,2	60,2	43,7	48,7	40,7	45,7	25,0	27,0
20	8,5	8,5	54,8	60,8	52,8	58,8	41,8	46,8	38,8	43,8	25,0	27,0
31,25	10,7	10,7	51,9	57,9	49,9	55,9	37,9	42,9	34,9	39,9	23,6	25,6
62,5	15,4	15,4	47,4	53,4	45,4	51,4	31,9	36,9	28,9	33,9	21,5	23,5
100	19,8	19,8	44,3	50,3	42,3	48,3	27,8	32,8	24,8	29,8	20,1	22,1
155	25,2	25,2	41,4	47,4	39,4	45,4	24,0	29,0	21,0	26,0	18,8	20,8
200	29,0	29,0	39,8	45,8	37,8	43,8	21,8	26,8	18,8	23,8	18,0	20,0
250	32,8	32,8	38,3	44,3	36,3	42,3	19,8	24,8	16,8	21,8	17,3	19,3
300	-	36,4	-	43,1	-	41,1	-	23,3	-	20,3	-	18,8
350	-	39,8	-	42,1	-	40,1	-	21,9	-	18,9	-	18,3

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Characteristics

结构特性	
颜色	灰
屏蔽	非屏蔽
外护套	PVC - CM
电缆类型	U/UTP
尺寸特性	
导体横截面尺寸（AWG）	23
绝缘外径	1.02 mm
标称外径	6.2 mm
电气特性	
互电容	56 nF/km
特性阻抗	100 Ohm
机械特性	
最大操作抗拉强度	100 N
传输特性	
时延值	45 ns/100m
衰减串扰比，250MHz	5.5 dB/100m
传播速度	69 %
耦合衰减在30MHz	45 dB
传播延迟值，最大100MHz	536 ns/100m
使用特性	
范围	LANmark-6
操作温度，范围	-20...60 °C
类型	Cat. 6
阻燃 - 火焰	UL 1581 SEC. 1160 AND CSA FT4
包装	Reel in a box
环境安装温度，范围	-10...60 °C
最小弯曲半径 - 安装	50 mm

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最小弯曲半径 - 工作	25 mm

文件

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