LANmark-8 数据铜缆

- 用于数据中心的高质量数据电缆
- S/FTP 设计，具有双重屏蔽，可提供最佳的 EMI 和外生噪声（外来串扰）防护
- 电缆超过 8 类卓越
- 性能，在全频率范围内具有正 ACR，最长可达 80 米优化
- 用于 LANmark GG45 连接器



STANDARDS

EN 50173
EN 50288-4-1
ISO/IEC 11801
ISO/IEC 61156-5

描述

LANmark-8 S/FTP 是 4 对电缆，带有单独的线对箔和整体编织层，具有高达 2000 MHz 的卓越性能。这些电缆完全符合数据中心新的 8 类标准，并向下兼容符合企业使用的 Cat7A 标准。由于其出色的电气性能和极低的噪音水平，该电缆可支持 100 米以上的 10GBASE-T 和 30 米以上的 25/40GBASE-T 等应用。

应用

Cat7A/Cat 8 是企业市场和数据中心市场上性能最高的标准化电缆规格，可支持所有当前的数据应用和所有计划中的应用，使用的电缆最高可达 FA 级或 I/II 级。

- 所有以太网应用，包括
- 10/100/1000Base-T
- 1000Base-TX
- 10GBase-T
- 25GBase-T 和 40GBase-T（根据 802.3bq）
- POE、POE+、POE++
- 电缆共享应用，包括高达 862MHz 的 CATV
- 任何未来的 FA 类、I 类和 II 类应用

安装

LANmark-8 电缆的主要特点是改进
了外部噪声源屏蔽并易于安装。在安装过程中，我们
格外注意确保屏蔽覆盖和箔片不会打开。电缆经过特别设计，可与 LANmark GG45 12C 连接器配合使用。

为支持正确设置手持分析仪进行安装测试，电缆打印图例中给出了实际电缆 NVP 值。

电气性能 LANmark-8 电缆

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FREQ in MHz	IL in dB/100m		RL in dB		NEXT in dB		ACRF in dB		TCL in dB		Prop.Delay in ns/100m		PSANEXT in dB		PSAACRF in dB	
	Std. Req.	Max	Std. Req.	Min	Std. Req.	Min	Std. Req.	Min	Std. Req.	Min	Std. Req.	Min	Std. Req.	Min	Std. Req.	Min
1	2,1	2,1	20,0	20,0	75,0	75,0	75,0	75,0	50,0	45,0	570	483	80,0	80,0	80,0	80,0
4	3,7	3,7	23,0	23,0	75,0	75,0	75,0	75,0	41,0	39,0	552	468	80,0	80,0	80,0	80,0
10	5,8	5,8	25,0	25,0	75,0	75,0	75,0	75,0	35,0	35,0	545	470	80,0	80,0	80,0	80,0
16	7,3	7,3	25,0	25,0	75,0	75,0	75,0	75,0	31,9	33,0	543	468	80,0	80,0	78,1	80,0
20	8,2	8,2	25,0	25,0	75,0	75,0	74,3	75,0	30,5	32,0	542	467	80,0	80,0	76,2	80,0
30	10,1	10,0	25,0	25,0	75,0	75,0	70,8	75,0	27,8	30,2	541	466	80,0	80,0	72,7	80,0
63	14,6	14,4	23,6	23,6	75,0	75,0	64,4	74,4	23,1	27,0	539	464	80,0	80,0	66,3	76,3
100	18,5	18,3	22,2	22,2	75,0	75,0	60,3	70,3	20,0	25,0	538	463	80,0	80,0	62,2	72,2
200	26,5	26,1	20,1	20,1	70,9	73,9	54,3	64,3	15,5	22,0	537	462	80,0	80,0	56,2	66,2
300	32,7	32,1	18,9	18,9	68,2	71,2	50,8	60,8	12,8	20,2	536	462	80,0	80,0	52,7	62,7
400	38,0	37,2	18,0	18,0	66,4	69,4	48,3	58,3	11,0	19,0	536	462	78,5	80,0	50,2	60,2
600	47,1	45,9	16,8	16,8	63,7	66,7	44,7	54,7	8,3	17,2	535	461	75,9	80,0	46,6	56,6
1000	61,9	59,9	15,2	15,2	60,4	63,4	40,3	50,3	7,0	15,0	535	461	72,5	80,0	42,2	52,2
1200	68,4	66,0	14,7	14,7	59,2	62,2	38,7	48,7	7,0	14,2	535	461	71,3	80,0	40,6	50,6
1500	77,2	74,2	14,0	14,0	57,8	60,8	36,8	46,8	7,0	13,2	535	461	69,9	79,9	38,7	48,7
1600	80,0	76,8	13,8	13,8	57,3	60,3	36,2	46,2	7,0	13,0	535	461	69,4	79,4	38,1	48,1
1800	85,4	81,8	13,4	13,4	56,8	59,8	35,2	45,2	7,0	12,4	535	461	68,7	78,7	37,1	47,1
2000	90,5	86,5	13,1	13,1	55,9	58,9	34,3	44,3	7,0	12,0	535	461	68,0	78,0	36,2	46,2

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CHARACTERISTICS

尺寸特性	
线对数	4
导体横截面尺寸（AWG）	22
使用特性	
阻燃 - 火焰	IEC 60332-1

Resources

文件

Freetable LM8 Cable_6.xls xls — 27.5 KB　下载

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Product list

	Aginode ref.	Country ref.	Name	导体横截面尺寸（AWG）	阻燃 - 火焰
	N100.481-OD	-	LANmark-8 S/FTP AWG22 Cat 8.2 2000MHz LSZH Dca s2 d2 a1 橙色 1000m 盘装	22	IEC 60332-1

= Make to order, = In Stock

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