



CONTACT

Market information
 industryprojects.business@lyn
 xeogroup.com

Industrial Ethernet CAT5e cables with PUR jacket for dynamic applications, shielded, oil resistant, flame retardant

STANDARDS

Product UL and CSA approval

APPLICATIONS

Bus cables for dynamic applications

Normative references

UL AWM Listed 80° C 30V

Flame resistance

IEC 60332.1



操作温度
 -20 ... 80 ° C



存储温度范围
 -40 ... 80 ° C



耐油
 EN 50363-10-2



阻燃 - 火焰
 IEC/EN 60332-1-2; FT1; UL 1581 FT1

CHARACTERISTICS

结构特性

导体材料	裸铜线
绝缘	聚烯烃
Taping	Aluminium / Polyester tape
屏蔽	75% tinned copper braid coverage
外护套	PUR

尺寸特性

铜含量	21 kg/km
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电气特性

Rated Voltage U ₀ /U	300 V
测试电压	1500 V
特性阻抗	100 Ohm

传输特性

1Mhz的衰减	3.2 dB/100m
Attenuation at 4 MHz	6.5 dB/100m
最大衰减, 10Mhz	9.9 dB/100m
衰减在16MHz	12.3 dB/100m
最大衰减, 20Mhz	13.8 dB/100m
最大衰减, 31.25Mhz	17.7 dB/100m
Attenuation, max. 62.5 MHz	25.7 dB/100m
最大衰减, 100Mhz	33.00 dB/100m
近端串扰, 1MHz	62 dB
近端串扰, 4MHz	53 dB
近端串扰, 10MHz	47 dB
近端串扰, 16MHz	44 dB
近端串扰, 20MHz	42 dB
近端串扰, 31.25MHz	40 dB
近端串扰, 62.5MHz	35 dB
近端串扰, 100MHz	32 dB

机械特性



弯曲循环	1 Mio.
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使用特性

应用类型	动态
最小弯曲半径 - 动态	7.5 (xD)
操作温度范围	-20 ... 80 ° C
存储温度范围	-40 ... 80 ° C
耐油	EN 50363-10-2
阻燃 - 火焰	IEC/EN 60332-1-2; FT1; UL 1581 FT1

PRODUCT LIST

Reference	Country Ref.	Name	绝缘色	护套颜色	标称外径 [mm]
 10553010	13-DRS24P04P-W1	CAT 5E - (4x2xAWG24) C	1° : Wht+Gry; 2° : Blu+Pnk; 3° : Or +Yel; 4° : Brn+Vlt	Violet RAL 4001	7.2
 10553013	13-DRS26P04P-V1	CAT 5E (4x2xAWG26/7) C	1° : Bl + Wht/Bl; 2° : Or + Wht/Or; 3° : Grn + Wht/Grn; 4° : Brn + Wht/Brn	Green RAL 6018	6.6
 10553011	13-DRS24P04P-W2	CAT 5E (4x2xAWG24/7) - W2	1° : Bl + Wht/Bl; 2° : Or + Wht/Or; 3° : Grn + Wht/Grn; 4° : Brn + Wht/Brn	Violet RAL 4001	7.2

 = Make to order,  = In stock,