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CONTACT

Market information
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Profinet cable with pur jacket for drag chain applications, shielded, oil resistant MOTIONLINE® ADVANCED

STANDARDS

Product UL and GSA approval

Profinet cable with pur jacket for drag chain applications, shielded, oil resistant

Application

Profinet cables are designed for Data networks in industrial environments. Profinet Type C cables are made for dynamic applications

Construction

1. Conductor:bare copper AWG22/7
2. Insulation:Polyolefin compound
Four insulated conductors twisted to a quad.
3. Inner jacket - Bedding TPE-0
4. Screen:ALU/PET foil
Alu outside
5. Tinned copper braid
6. Jacket: See products

Environment

Designed to reduce the environmental impact, Nexans cables are compliant with RoHS 2011/65 Directive and European Reach 1907/2006/EC regulation.



操作温度
-30 ... 80 ° C



存储温度范围
-40 ... 80 ° C



阻燃 - 火焰
IEC 60332-1



耐油
EN 60811-2-1

CHARACTERISTICS

结构特性

结构类型	1x(4xAWG22/7)
导体材料	裸铜线
绝缘	聚烯烃
绝缘色	White, Orange, Blue, Yellow
内护套	TPE-0
Taping	Polyester / Alu tape (Alu outside)
屏蔽	80% tinned copper braid coverage
Separator	Non woven tape
外护套	Polyurethane compound
护套颜色	Green RAL 6018

尺寸特性

标称外径	6.6 mm
铜含量	28 kg/km
近似重量	72 kg/km

电气特性

Rated Voltage U ₀ /U	30 V
测试电压	2500 V
特性阻抗	100 Ohm

传输特性

最大衰减, 1Mhz	3.2 dB/1000m
Attenuation at 4 MHz	6.5 dB/100m
最大衰减, 10Mhz	9.9 dB/100m
最大衰减, 16Mhz	12.3 dB/100m
最大衰减, 20Mhz	13.8 dB/100m
最大衰减, 100Mhz	33.00 dB/100m

机械特性

弯曲循环	3 Mio.
速度	200 m/min
Maximum acceleration	4 m/s ²

使用特性

应用类型	动态
最小弯曲半径 - 动态	15 (xD)
操作温度范围	-30 ... 80 ° C
存储温度范围	-40 ... 80 ° C
阻燃 - 火焰	IEC 60332-1
耐油	EN 60811-2-1