



For extremely dynamic applications MOTIONLINE® PREMIUM

### STANDARDS

Product UL and CSA approval

For Premium dynamic application, screened cable, PUR sheath, resistant to oils and coolants, notch resistant, flame retardant, resistant to hydrolysis and microbes, Industry 4.0 ready.

Reference: 44491989

### CONTACT

Market information  
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操作温度  
-30 ... 80 ° C



存储温度范围  
-40 ... 80 ° C



阻燃 - 火焰  
IEC 60332-1-2; UL 1581 FT1



耐油  
DIN EN 50363-10-2 & DIN EN 60811-404

## CHARACTERISTICS

## 结构特性

结构类型	((2xAWG24/19)+2xAWG20/19) C
导体材料	Bending-resistant conductor with bare copper wires
绝缘	聚烯烃
绞合	Data pairs and power cores stranded with fillers
绝缘色	White/Green, Black/Red
Taping	铝塑带
屏蔽	Tinned copper braid, coverage $\geq$ 80%
外护套	PUR
护套颜色	Green RAL 6018

## 尺寸特性

外径	6 mm
铜含量	30 kg/km
近似重量	52 kg/km

## 电气特性

Rated Voltage U <sub>o</sub> /U	30 V
测试电压	500 V
特性阻抗	90 Ohm

## 机械特性

弯曲循环	5 Mio.
速度	300 m/min
Maximum acceleration	50 m/s <sup>2</sup>

## 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	-30 ... 80 ° C
存储温度范围	-40 ... 80 ° C
阻燃 - 火焰	IEC 60332-1-2; UL 1581 FT1
耐油	DIN EN 50363-10-2 & DIN EN 60811-404