



CONTACT

Market information
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Interbus cable with PUR jacket for dynamic applications, shielded, oil resistant, flame retardant

STANDARDS

Product UL and CSA approval

Applications

Interbus cables connect sensors and actors with all standard equipment in automation.

Our product range fulfill the special requirement of:

- Standard for fix installation or few bending
- For use in chain
- HFFR (Halogen Free & Flame Retardant)
- Direct burial
- Food industry
- Marine and submarine
- Railway systems

Design

Insulation colour code

Section 0.25 mm²: DIN 47100

Section 1 mm²: Blue - Red - Green/yellow

D.C. Resistance

Section 0.25 mm²: 80 Ohm/km

Section 1 mm²: 19.5 Ohm/km

Insulation resistance

Section 0.25 mm²: 5000 MOhm/km

Section 1 mm²: 5 MOhm/km

Normative references

UL recognized / CSA approval

AWM 80° C-30V

AWM 75° C-30V FT1



操作温度
-20 ... 80 ° C



存储温度范围
-30 ... 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

结构类型	(3x2x0, 25+3G1)C
导体材料	裸铜线
绝缘	聚烯烃
绝缘色	DIN 47100
填充物/内护套材料	Textile
Taping	Non woven tape
屏蔽	≥85% tinned copper braid coverage
Separator	Non woven tape
外护套	PUR
护套颜色	Violet RAL 4001

尺寸特性

标称外径	8.2 mm
铜含量	50 kg/km
近似重量	105 kg/km

电气特性

Rated Voltage U ₀ /U	30 V
特性阻抗	100 Ohm
测试电压	1500 V

传输特性

Attenuation at 256 kHz	1.5 dB/100m
Attenuation at 722 kHz	2.4 dB/100m
衰减在1MHz	2.7 dB/100m
Attenuation at 4 MHz	5.2 dB/100m
10MHz的衰减	8.4 dB/100m
衰减在16MHz	11.2 dB/100m
20MHz的衰减	11.9 dB/100m
近端串扰, 722kHz	61 dB/100m
近端串扰, 1MHz	59 dB/100m
近端串扰, 2MHz	55 dB/100m
近端串扰, 4MHz	50 dB/100m
近端串扰, 8MHz	46 dB/100m
近端串扰, 10MHz	44 dB/100m
近端串扰, 16MHz	41 dB/100m
近端串扰, 20MHz	40 dB/100m
传播速度	66 %

机械特性

弯曲循环	5 Mio.
Maximum acceleration	20 m/s ²
速度	240 m/min

使用特性

应用类型	动态
最小弯曲半径 - 动态	10 (xD)

使用特性

操作温度范围	-20 ... 80 ° C
存储温度范围	-30 ... 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
 10553019	13-DRX17Z09P	INTERBUS PUR (3x2x0, 25+3G1)C

 = Make to order,  = In stock,