



CONTACT

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INTERBUS PUR CABLE

Interbus cables with PUR jacket for dynamic application, 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

Standards According to Interbus requirements



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

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	热塑材料
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

铜含量	27 kg/km
近似重量	62 kg/km

电气特性

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

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

最小弯曲半径 - 动态	10 (xD)
应用类型	动态
操作温度范围	-20 ... 80 ° C
存储温度范围	-30 ... 80 ° C

使用特性

耐油

EN 50363-10-2

阻燃 - 火焰

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PRODUCT LIST

Reference	Country Ref.	Name	结构类型	外径 [mm]
☐ 10552889	13-DRX23P03P	INTERBUS PUR (3x2x0.25)C	(3x2x0.25)C	8
☐ 13-DRX23P02P	13-DRX23P02P	INTERBUS PUR (2x2x0.25)C	(2x2x0.25)C	7

☎ = Make to order, ☐ = In stock,