



### CONTACT

Market information  
[industryprojects.business@lynxeogroup.com](mailto:industryprojects.business@lynxeogroup.com)

### INTERBUS PUR CABLE

Interbus cables with PUR jacket for dynamic application, shielded, oil resistant, flame retardant

### STANDARDS

**Producto** 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



Temp. ambiente de utilización  
 -20 ... 80 °C



Temperatura de almacenamiento (rango)  
 -30 ... 80 °C



Resistencia a aceites  
 EN 50363-10-2



No propagación de la llama  
 IEC/EN 60332-1-2; FT1; UL 1581 FT1

## CHARACTERISTICS

**Características de construcción**

Material del conductor	Cobre desnudo
Aislamiento	Polyolefin
Insulation colour	DIN 47100
Material of filler / inner sheath	Thermoplastic material
Taping	Non woven tape
Shielding	≥85% tinned copper braid coverage
Separator	Non woven tape
Cubierta exterior	PUR
Color de cubierta	Violet RAL 4001

**Características dimensionales**

Contenido de cobre	27 kg/km
Peso aproximado	62 kg/km

**Características eléctricas**

Rated Voltage U <sub>0</sub> /U	30 V
Test voltage	1500 V
Impedancia característica	100 Ohm

**Características de transmisión**

Attenuation at 256 kHz	1,5 dB/100m
Attenuation at 722 kHz	2,4 dB/100m
Atenuación máxima a 1 MHz	2,7 dB/100m
Attenuation at 4 MHz	5,2 dB/100m
Attenuation at 10 MHz	8,4 dB/100m
Attenuation at 16 MHz	11,2 dB/100m
Attenuation at 20 MHz	11,9 dB/100m
Near End Cross Talk @ 722 kHz	61 dB/100m
Near End Cross Talk @ 1 MHz	59 dB/100m
Near End Cross Talk @ 2 MHz	55 dB/100m
Near End Cross Talk @ 4 MHz	50 dB/100m
Near End Cross Talk @ 8 MHz	46 dB/100m
Near End Cross Talk @ 10 MHz	44 dB/100m
Near End Cross Talk @ 16 MHz	41 dB/100m
Near End Cross Talk @ 20 MHz	40 dB/100m
Velocidad de propagación	66 %

**Características mecánicas**

Bending cycles	5 Mio.
Maximum acceleration	20 m/s <sup>2</sup>
Speed	240 m/min

**Características de uso**

Minimum dynamic operating bending radius	10 (xD)
Campo de aplicación	Dynamic
Temperatura ambiente de utilización (rango)	-20 ... 80 °C
Temperatura de almacenamiento (rango)	-30 ... 80 °C

**Características de uso**



Resistencia a aceites


EN 50363-10-2

No propagación de la llama

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

**PRODUCT LIST**

Reference	Country Ref.	Name	Construction type	Diámetro exterior [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,