



CONTACT

Market information
 industryprojects.business@lynx^{eo}
 ogroup.com

Bus lines for multiplexed transmission

77 Ohms, AWG 26 - Shielded Pair

STANDARDS

Producto EN 3375

CORE

AWG 26, 19 x 0.10 mm
 Silver plated copper alloy (EN2083)

Insulation : extruded PTFE

ASSEMBLY

2 cores + 2 PTFE fillers

SHIELD

Silver plated copper 10/100

JACKET

UV laser markabke ETFE

CHARACTERISTICS

Características de uso

| | |
|---|---|
| Temperatura ambiente de utilización (rango) | -65 ... 150 °C |
| Radio de curvatura mínimo en operación estática | 15 mm |
| No propagación de la llama | FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3) |
| Resistencia a aceites | Buena |



Temp. ambiente de utilización
 -65 ... 150 °C



Radio de curvatura mínimo en operación estática
 15 mm



No propagación de la llama
 FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)



Resistencia a aceites
 Buena

ELECTRICAL AND HIGH FREQUENCY PERFORMANCES

| | |
|----------------------------|---|
| Voltage rating | : 250V |
| Voltage withstanding | : 1000V between conductors : 1000V between conductors and shield |
| Jacket spark test | : 1000V |
| Insulation resistance | : $\geq 1500 \text{ M}\Omega \cdot \text{km}$ |
| Characteristic impedance | : $77 \pm 7 \text{ }\Omega$ at 1MHz |
| Nominal mutual capacitance | : 65 pF/m |
| Nominal capacitance | : 110 pF/m between 1 core and shield : 180 pF/m between cores and shield |
| Nominal attenuation | : 3.5 dB/100m at 1 MHz |
| Maximum transfer impedance | : 50 m Ω /m DC current : 50 m Ω /m at 1 MHz : 50 m Ω /m at 10 MHz : 100 m Ω /m at 30 MHz |

IDENTIFICATION

| | |
|----------------------------------|--|
| Colour of cores | : White + Blue |
| Colour of jacket | : White |
| Marking text | : "FILOTEX FRANCE ET 124960 - ***" |
| With | (**) = Year of manufacturing (ie. 14 = 2014) |
| Red marking for the main line | (Nexans reference : ETUDE 124960-01) |
| Blue marking for the branch line | (Nexans reference : ETUDE 124960-02) |



Temp. ambiente de utilización
-65 ... 150 °C



Radio de curvatura mínimo en operación estática
15 mm



No propagación de la llama
FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)



Resistencia a aceites
Buena