



### CONTACT

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**Bus lines for multiplexed transmission.**

**Approved by the Defense Ministry under letters N°8981/STTE/CTG (10/09/1986)  
 Registered at B.N.Aé N°6415 401**

75 Ohms, AWG 22 - Pair Double Shielded

#### CORE

AWG 22, 19 x 0.16 mm  
 Silver plated copper  
 Insulation : extruded PTFE

#### ASSEMBLY

2 cores + 2 PTFE fillers

#### SHIELD

Silver plated copper 12/100

#### TAPE

High permeability alloy

#### SHIELD

Silver plated copper 12/100

#### JACKET

Polyimide PTFE

## CHARACTERISTICS

### Características de uso

Temperatura ambiente de utilización (rango)	-65 ... 200 °C
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 ... 200 °C



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 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	: 600V
Voltage withstanding	: 2000V rms between conductors : 2000V rms between conductors and shield
Jacket spark test	: 5000V
Insulation resistance	: > 5000 M $\Omega$ .km under 500V
Characteristic impedance	: 75 $\pm$ 5 $\Omega$
Nominal mutual capacitance	: 65 $\pm$ 5 pF/m
Capacitance unbalance	: $\leq$ 5%
Nominal attenuation	: 2.6 dB/100m at 1 MHz : 10 dB/100m at 10 MHz
Transfer impedance	: 2.5 x10 <sup>-5</sup> $\Omega$ /m

## IDENTIFICATION

Color of cores	: White + Blue
Outer Jacket color	: White



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-65 ... 200 °C



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Resistencia a aceites  
Buena