

**CONTACT**

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**Bus lines for multiplexed transmission. Use for bus system MIL STD 1553**

77 Ohms, AWG 26 - Shielded Pair

**STANDARDS**

**Product** ASNE 0811 WY

**CORE**

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

Insulation: extruded PTFE

**ASSEMBLY**

2 cores + 2 PTFE fillers  
Nominal Diameter = 1.60 mm

**SHIELD**

Silver plated copper 10/100

**JACKET**

FEP

**CHARACTERISTICS****Caratteristiche d'utilizzo**

Temperatura Operativa	-65 ... 200 °C
Raggio minimo di curvatura per installazione fissa	15 mm
Ritardante la fiamma	FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)
Resistenza all'olio	Buona



Temperatura Operativa  
-65 ... 200 °C



Raggio min. di curvatura per installazione fissa  
15 mm



Ritardante la fiamma  
FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)



Resistenza all'olio  
Buona

**ELECTRICAL AND HIGH FREQUENCY PERFORMANCES**

Voltage rating	: 250V
Voltage withstanding	: 1000V between conductors : 1000V between conductors and shield
Jacket spark test	: 5000V
Insulation resistance	: $\geq 1500 \text{ M}\Omega \cdot \text{km}$
Characteristic impedance	: $77 \pm 7 \Omega$ at 1 MHz
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 $\Omega$ /m DC current : 50 m $\Omega$ /m at 1 MHz : 50 m $\Omega$ /m at 10 MHz : 100 m $\Omega$ /m at 30 MHz

**IDENTIFICATION**

Colour of cores	: White + Blue
Colour of jacket	: White
Marking text	: FILOTEX FRANCE ET 69899-**
With	(**) = Year of manufacturing (ie. 14 = 2014)
Red marking for the main line	: (Nexans reference = ETUDE 69899-01)
Blue marking for the branch line	: (Nexans reference = ETUDE 69899-02)



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Resistenza all'olio  
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