



CONTACT

Market information
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Data bus cable application.

100 Ohms, AWG 24 - Shielded Pair

STANDARDS

Product ABS 0386 WF

DESIGN CONSTRUCTION

CORE

AWG 24, 19 x 0.12 mm
 Nickel plated copper alloy
 PTFE insulation

ASSEMBLY

2 cores twisted with 2 fiber glass fillers

SHIELD

Nickel plated copper braid
 Strand diameter = 0.08 mm

JACKET

Polyimide tapes

CHARACTERISTICS

Construction characteristics

Type of conductor	Stranded
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Dimensional characteristics

Conductor diameter (mm)	-
Maximum weight	- g/m
Nominal diameter	- inches
Nominal overall diameter	- mm
Strand diameter	- mm

Usage characteristics

Operating temperature, range	-55 ... 200 °C
Minimum Bend Radius - Installed	25 mm
Flame retardant	FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)



Operating temp.
 -55 ... 200 °C



Flame retardant
 FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)



Oil resistance
 Very good resistance to aircraft fluids

Usage characteristics

Oil resistance

Very good resistance to aircraft fluids

ELECTRICAL AND HIGH FREQUENCY PERFORMANCES

Voltage rating	: 600V rms
Characteristic impedance	: $100 \pm 10 \Omega$ at 5 MHz
Maximum capacitance	: 60 pF/m
Attenuation	: 0.03 dB/m at 1 MHz
	: 0.06 dB/m at 5 MHz
	: 0.12 dB/m at 10 MHz

IDENTIFICATION

Colour of cores	: Light Blue + Red
Colour of Jacket	: Amber
Marking tape under jacket	: " - WF 24 FR F ** - "
With	(**) = Year of manufacturing (ie. 14 = 2014)

SELLING AND DELIVERY INFORMATION

Operating temp.
-55 ... 200 °C



Flame retardant
FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)



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