



CONTACT

Market information
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Use in the onboard electrical systems of aircraft.

120 Ohms, AWG 24 - Fireproof Cable for Data Transmission - Two-cores twisted screened and jacketed

STANDARDS

Produit EN 4608-005

CORE

AWG 24, 19 x 0.12 mm
 Nickel clad copper alloy

INSULATION

Fire resistant insulation
 Polyimide tape
 PTFE tape

ASSEMBLY

2 cores twisted

SHIELD

0.12 mm
 Nickel plated copper braid

JACKET

UV PTFE tape(s)

CHARACTERISTICS

Caractéristiques d'utilisation

Température ambiante d'utilisation, plage	-65 ... 260 °C
Résistance au feu	-
Non propagateur de la flamme	FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)
Résistance aux huiles	Very good resistance to aircraft fluids



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 -65 ... 260 °C



Résistance au feu
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Non propagateur de la flamme
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Résistance aux huiles
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ELECTRICAL AND HIGH FREQUENCY PERFORMANCES

Voltage rating	: 600V rms
Operating frequency	: up to 125 kHz
Capacitance	: 85 pF/m at 100 kHz
Impedance	: $120 \pm 20\% \Omega$ at 100 kHz
Transfer impedance	: $< 30 \text{ m}\Omega$ at 100 kHz
Attenuation	: $< 1.6 \text{ dB}/100\text{m}$ at 100 kHz

IDENTIFICATION

Colour of Cores	: White with a helical red stripe + White with a helical blue stripe
Colour of jacket	: White with a narrow red stripe
Marking text	: EN GPB 24 FRF**
With	FR = Country of origin (FR = France) F = Manufacturer (F = Nexans) (**) = Year of manufacturing (ie. 14 = 2014)



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