

**CONTACT**

Market information
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Designed for high frequency interconnections

Product designed according to : NSA935355

CORE

7 x 0.81 mm Strand
Silver plated copper covered steel
Diameter = 2.40 mm

INSULATION

Extruded PTFE
Diameter = 7.25 ± 0.13 mm

SHIELD

Double braid of silver plated copper
Strand diameter = 0.16 mm

JACKET

PTFE tape(s)

Glass fiber

Diameter = 10.90 ± 0.25 mm
Max. weight = 270 g/m



Temp. d'utilisation
-90 ... 200 °C



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



Conforme RoHS
Oui

CHARACTERISTICS**Caractéristiques d'utilisation**

Température ambiante d'utilisation, plage	-90 ... 200 °C
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
Conforme RoHS	Oui

ELECTRICAL CHARACTERISTICS

Operating frequency	: up to 10 GHz
Dielectric strength	: 10 000 V
Operating voltage	: 3700 Vrms max.
Minimum insulation resistance	: 5000 MΩ.km
Characteristic impedance at 200MHz	: 50 ± 2 Ω
Maximum linear capacitance	: 105 pF/m
Nominal relative velocity of propagation	: 69%
Maximum conductor ohmic resistance	: 5.68 Ω/km

HIGH FREQUENCY PERFORMANCES

Frequency (MHz)	Mean Attenuation at 20°C (dB/100m)
10	2
200	9.5
400	15
3000	52

SELLING AND DELIVERY INFORMATION

Color of Jacket: Brown
Color of marking on the jacket: White

Marking text : " XS FR F ** "

FR = Country of Origin (FR = France)
F = Manufacturer (F = Lynxéo)
** = Year of manufacturing (ie. 17 = 2017)