



### 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



Operating temp.  
 -90 ... 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



RoHS compliant  
 Yes

**CHARACTERISTICS****Usage characteristics**

Operating temperature, range	-90 ... 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
RoHS compliant	Yes

**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)