



CONTACT

Market information
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50 Ohms, Coaxial Cable

Avionic interconnexion applications.

STANDARDS

Product ASNE 0293 XF

DESIGN CONSTRUCTION

CORE

Stranded conductor.
 19 x 0.20 Silver plated copper

INSULATION

Extruded PTFE
 Nominal diameter = 2.95 mm

SHIELD

Dual Silver plated copper braid
 Strands diameter = 0.13 mm
 Overall Diameter = 4.06 mm

JACKET

FEP

Max. diameter = 5.08 mm
 Nom. Weight = 67 g/m

IDENTIFICATION

Color of Jacket: Brown
 Green marking of the external sheath:

Marking text : "XF FR F **"

FR = Country of Origin (FR = France)
 F = Manufacturer (F = Lynxéo)
 ** = Year of manufacturing (ie. 14 = 2014)



Operating temp.
 -65 ... 200 °C



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



Oil resistance
 Good



RoHS compliant
 Yes

CHARACTERISTICS**Usage characteristics**

Operating temperature, range	-65 ... 200 °C
Minimum Bend Radius - Installed	50 mm
Flame retardant	FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)
Oil resistance	Good
RoHS compliant	Yes

ELECTRICAL CHARACTERISTICS

Voltage rating	: 600V rms
Operating frequency	: up to 10 GHz
Maximum ohmic resistance of conductor	: 29.6 Ω/km
Characteristic impedance	: 50 ± 2 Ω
Nominal linear capacitance	: 95 pF/m at 1KHz
Nominal velocity of propagation	: 208 500 km/s (69.5 %)

ATTENUATION AND POWER HANDLING

Frequency (MHz)	Max. Rated Power at 40°C (W)	Mean Attenuation at 20°C (dB/100m)
10	3300	4.3
200	660	19
400	450	28
3000	150	95
10000	80	210

SELLING AND DELIVERY INFORMATION**IDENTIFICATION**

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