



### CONTACT

Market information  
[industryprojects.business@lynxgroup.com](mailto:industryprojects.business@lynxgroup.com)

Low Noise Transmission Cable 260°C

### STANDARDS

National ESW 1404-022

### CONSTRUCTION

#### 2 CORES

19x0.20 mm Nickel plated  
 copper Clad Steel  
 Semi-conductor tape  
 PTFE tape(s) insulation  
 = 1.80 ±0.10 mm  
 Semi-conductor tape  
 nom. = 1.95 mm

- GLASS FIBER FILLERS
- SEMI-CONDUCTOR TAPE

#### SHIELD

Nickel plated copper 12/100  
 Coverage factor > 85%

#### JACKET

Polyimide tape(s)  
 PTFE tape(s)

Min. = 4.50 mm  
 Max. = 4.80 mm



Operating temp.  
 -65 ... 260 °C



Electro magnetic interference resistance  
 Yes



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



Oil resistance  
 Very good resistance to aircraft fluids

**CHARACTERISTICS****Construction characteristics**

Core identification	White, Blue
Sheath colour	White
Insulation	-

**Electrical characteristics**

Operating voltage	600 V
Nominal capacitance between cores and shield	310 pF/m
Capacitance unbalance max.	15.0 pF
Minimum insulation resistance	1000 MOhm.km
Triboelectrical noise at 3 Hz	Displacement 10 mm pk-pk : $\leq 0.3$ pC
Triboelectrical noise from 5 to 50 Hz	Displacement 5 mm pk-pk : $\leq 0.3$ pC
Triboelectrical noise From 50 to 120 Hz	Displacement 2.5 mm pk-pk : $\leq 0.3$ pC

**Usage characteristics**

Operating temperature, range	-65 ... 260 °C
Electro magnetic interference resistance	Yes
Flame retardant	FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3)
Oil resistance	Very good resistance to aircraft fluids

**SELLING AND DELIVERY INFORMATION****IDENTIFICATION**

Color of Cores : White, Blue  
Color of Jacket : White

**MARKING**

ESW1404-022-006-FX-FF-\*\* 957.37.20.6999

With :

\*\* = Year of manufacturing (ie. 14 = 2014)