



CONTACT

Market information
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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 : ≤ 0.3 pC
Triboelectrical noise from 5 to 50 Hz	Displacement 5 mm pk-pk : ≤ 0.3 pC
Triboelectrical noise From 50 to 120 Hz	Displacement 2.5 mm pk-pk : ≤ 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)