



CONTACT

Market information
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OVER SHIELDED AND JACKETED LOW NOISE TRANSMISSION CABLE 260°C

STANDARDS

National ESW 1404-022

CONSTRUCTION

2 CORES

19 x 0.20 mm nickel plated
 copper clad steel
 Diameter = 0.99 ± 0.05 mm
 Semi-conductive tape

PTFE tape(s) insulation
 Diameter = 1.80 ± 0.10 mm
 Semi-conductive tape
 Nominal Diameter = 1.95 mm

- GLASS FIBER FILLERS
- SEMI-CONDUCTIVE TAPE

1st SHIELD

Nickel plated copper 12/100

INNER JACKET

Polyimide tape(s)

2nd SHIELD

Nickel plated copper 12/100

OUTER JACKET

Polyimide tape(s)
 PTFE tape(s)
 Minimum Diameter = 5.30 mm



Electro magnetic interference resistance
Yes



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



Operating temp.
-65 ... 260 °C



Oil resistance
Very good resistance to aircraft fluids

CHARACTERISTICS**Dimensional characteristics**

Maximum weight	77 g/m
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Electrical characteristics

Operating voltage	600 V
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Minimum insulation resistance	1000 MOhm.km
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Nominal capacitance between cores and shield	310 pF/m
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Triboelectrical noise at 3 Hz	Displacement 10 mm pk-pk : ≤ 0.1 pC
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Triboelectrical noise from 5 to 50 Hz	Displacement 5 mm pk-pk : ≤ 0.1 pC
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Triboelectrical noise From 50 to 120 Hz	Displacement 2.5 mm pk-pk : ≤ 0.1 pC
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Usage characteristics

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

Cores: White - Blue

MARKING

ESW1405-024-006-FX-FF-** 957.37.20.6899

With :

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