



### CONTACT

Market information  
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Fire Resistant Cable, Thermocouple Nickel Chromium / Alumium

**Aero engine services applications.**

### STANDARDS

**National** ESW 1602-022

#### CORE

Stranded conductor  
 Nickel Chromium / Nickel Aluminium  
 006: 19x0.20 mm  
 010: 19x0.25 mm  
 012: 19x0.30 mm  
 050: 61x0.32 mm

#### INSULATION

Fire resistant insulation  
 Polyimide Tape  
 PTFE Tape

#### SCREEN

Nickel plated copper braid

#### JACKET

PTFE tape(s)

## CHARACTERISTICS

### Construction characteristics

Conductor material	-
Size code	-

### Dimensional characteristics

Conductor cross-section (AWG/KCMIL)	-
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### Electrical characteristics

Operating voltage	600 V
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### Usage characteristics

Operating temperature, range	-65 ... 260 °C
Fire resistant	-
Oil resistance	Very good resistance to aircraft fluids



Operating temp.  
-65 ... 260 °C



Fire resistant  
-



Oil resistance  
Very good resistance to aircraft fluids

### SELLING AND DELIVERY INFORMATION

#### CORE IDENTIFICATION :

Nickel chromium : White

Nickel aluminium : Green

#### JACKET IDENTIFICATION :

Green with red stripe

Marking text :

ESW1602-022-xxx-FX-FF-\*\*

xxx = Size code

FX = Country of origin

FF = Manufacturer's code

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



Operating temp.  
-65 ... 260 °C



Fire resistant  
-



Oil resistance  
**Very good resistance to aircraft fluids**