



CONTACT

Market information
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Very High Temperature Fire Resistant Wires

Aero engines and very high temperature applications

STANDARDS

Product BMS 13-55

National ST 448 006 3 01 A

CORE (Study 124521)
 19 strands of nickel clad copper conductor
 Strands diameter = 0.287 mm
 Special fire resistant composite insulation
 Very high temperature

SCREEN
 Nickel clad copper helicoidal screen
 Strands diameter = 0.13 mm

JACKET
 Very high temperature resistant composite

CHARACTERISTICS

Usage characteristics

Operating temperature, range	-65 ... 300 °C
Fire resistant	-
Oil resistance	Very good resistance to aircraft fluids



Operating temp.
 -65 ... 300 °C



Fire resistant
 -



Oil resistance
Very good resistance to aircraft fluids

CHARACTERISTICS

Voltage rating	: 600V rms
Maximum operating frequency	: 2000 Hz
Temperature rating	: 20 000 hours at 300°C
Operating life (approx.)	: 30 hours at 370°C
	: 300 hours at 350°C
	: 330 hours at 310°C
	: 2500 hours at 300°C
	: 32840 hours at 260°C

Therefore a total of 36 000 hours at these time/temperature

Fluids resistance	: According to BMS 13-55
Fire Resistance	: According to BMS 13-55



Operating temp.
-65 ... 300 °C



Fire resistant
-



Oil resistance
Very good resistance to aircraft fluids