



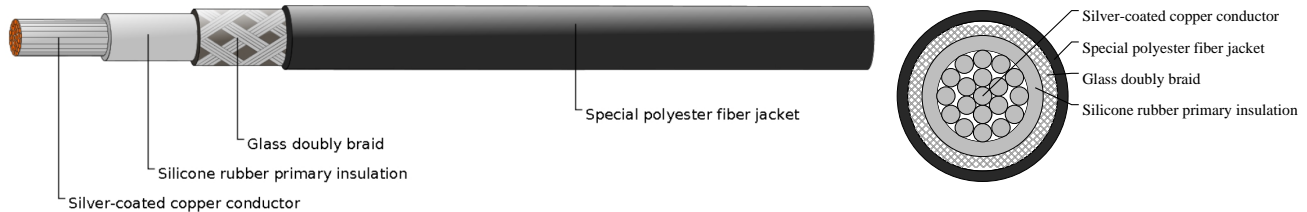
Caledonian

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MS 25471 (Mil-W-8777 Wire) 1C16AWG



APPLICATIONS

These silicone rubber primary insulated single-core MS 25471 (Mil-W-8777 Wire) cables are used in aircraft and missiles using any combination of electrical loading and ambient temperature. It has low moisture absorption and generally good resistance to chemicals.

VOLTAGE RATING

600V

CABLE CONSTRUCTION

Conductor: Stranded, silver-coated copper conductor

Insulation: Silicone rubber primary insulation

Braid: Inner braid glass fibers or combination of glass fibers and polyester fibers impregnated with high temperature finisher

Jacket: Outer jacket of polyester fiber impregnated with high temperature finisher

COLOUR CODE

Black or White per MIL-STD-104; Tan (per MIL-W-8777 spec)

PHYSICAL AND THERMAL PROPERTIES

Temperature Range: 200°C

DIMENSION AND PARAMETERS

| AWG Size | Conductor Stranding | Overall Diameter (min.) | Overall Diameter (min.) | Overall Diameter (max.) | Overall Diameter (max.) | Approx. Weight | Max. Resistance at 20°C |
|----------|---------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------|-------------------------|
| | | in | mm | in | mm | LBS/MFT | OHMS/MFT |
| 16 | 19/29 | 0.12 | 3.048 | 0.13 | 3.302 | 13.5 | 4.76 |