



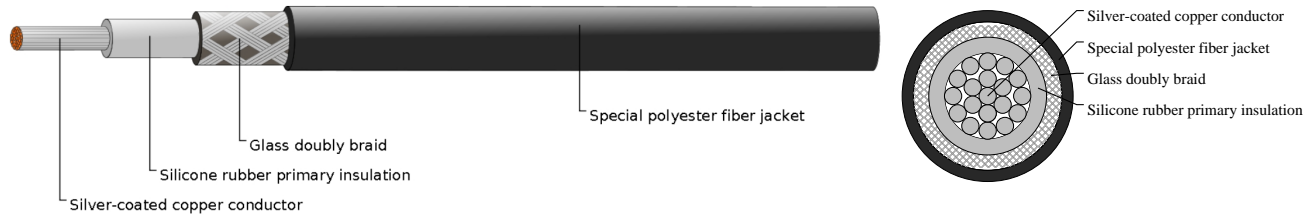
# Caledonian

Military Cables

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## MS 25471 (Mil-W-8777 Wire) 1C18AWG



### 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 LBS/MFT	Max. Resistance at 20°C
		in	mm	in	mm		OHMS/MFT
18	19/30	0.105	2.667	0.115	2.921	10.8	6.03