



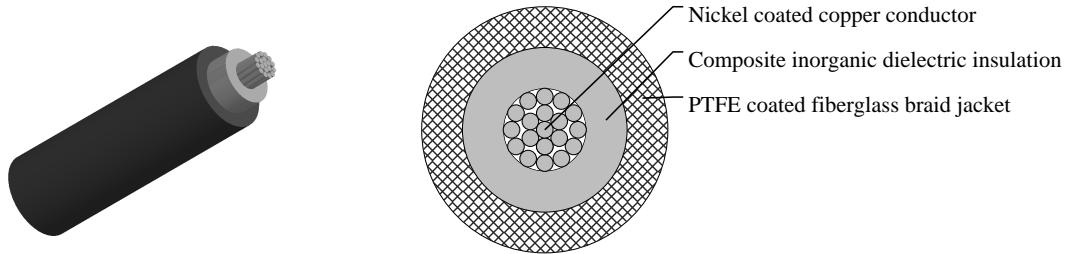
# Caledonian

Military Cables

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## MIL-W-25038/1 1C18AWG



### APPLICATIONS

These Composite Inorganic Dielectric insulated single-core MIL-W-25038/1 cables are used for critical circuit applications where wires must operate in extremely harsh environments, under vibration, and with direct flame exposure. This heavy-duty, non-asbestos construction offers excellent mechanical performance and abrasion resistance.

### VOLTAGE RATING

600V

### CABLE CONSTRUCTION

Conductor: Stranded 27% nickel coated copper conductor

Insulation: Composite inorganic dielectric insulation

Jacket: Polytetrafluoroethylene (PTFE) coated fiberglass braid jacket

Identification: Surface printed per MIL-W-25038

### COLOUR CODE

Color coded: MIL-STD-104

### PHYSICAL AND THERMAL PROPERTIES

Temperature Range: -55°C to +260°C

### DIMENSION AND PARAMETERS

AWG Size	Conductor Stranding	Conductor Diameter	Conductor Diameter	Overall Diameter (min.)	Overall Diameter (min.)	Overall Diameter (max.)	Overall Diameter (max.)	Approx. Weight	Max. Resistance at 20°C
		in	mm	in	mm	in	mm	LBS/MFT	OHMS/MFT
18	19/30	0.05	1.27	0.119	3.023	0.135	3.429	15	9.4