



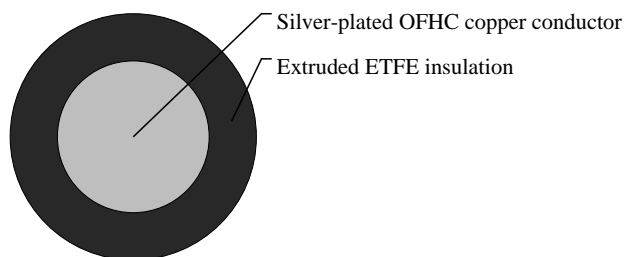
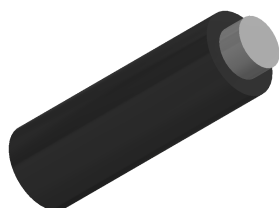
# Caledonian

Military Cables

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## MIL-W-81822/13 Type B 1C22AWG



### APPLICATIONS

These extruded ETFE (polyvinylidene fluoride) insulated single-core MIL-W-81822/13 cables are used for aerospace and other applications where light weight, tight jacket diameter tolerances and mechanical toughness are required. ETFE insulation also provides exceptional resistance to radiation and chemicals.

### VOLTAGE RATING

300V

### CABLE CONSTRUCTION

Conductor: Silver-plated OFHC copper

Insulation: Extruded ETFE

### COLOUR CODE

MIL-STD-104(See page 65)

### PHYSICAL AND THERMAL PROPERTIES

Temperature Range: -55°C to 150°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                |
| 22       | Solid               | 0.0253             | 0.643              | 0.037                   | 0.94                    | 0.041                   | 1.04                    | 2.5            | 16.8                    |