



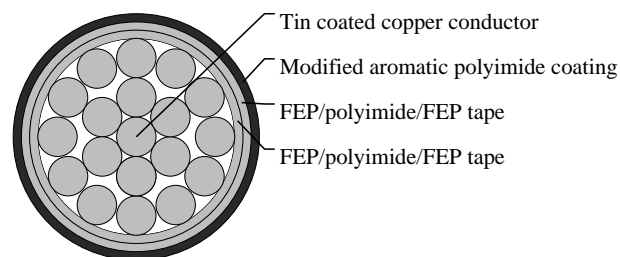
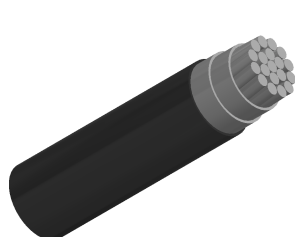
Caledonian

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M81381/22 1C18AWG



APPLICATIONS

These FEP/polyimide/FEP tape insulated single-core M81381/22 cables are used in aerospace applications and other challenging applications. It is well-suited to applications concerned with smoke emission and overload stability.

VOLTAGE RATING

600V

CABLE CONSTRUCTION

Conductor: Tin coated copper

Insulation: FEP/polyimide/FEP tape insulation

Insulation Wall Thickness: 0.0065"

Jacket: modified aromatic polyimide coating

COLOUR CODE

MIL-STD-104 (See page 42)

10 basic colors(BLK,BRN,RED,ORN,YEL,GRN,BLU,VIO,GRY,WHT)

PHYSICAL AND THERMAL PROPERTIES

Temperature Range: -55°C to +150°C

DIMENSION AND PARAMETERS

| AWG Size | Conductor Stranding | Diameter of Conductor (min.) | Diameter of Conductor (min.) | Diameter of Conductor (max.) | Diameter of Conductor (max.) | 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 | in | mm | LBS/ MFT | OHMS/ MFT |
| 18 | 19/30 | 0.046 | 1.17 | 0.051 | 1.3 | 0.063 | 1.6 | 0.068 | 1.727 | 6.7 | 6.23 |