



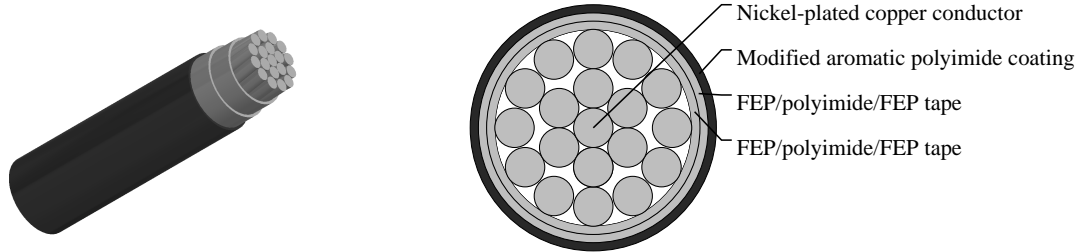
Caledonian

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M81381/12 1C18AWG



APPLICATIONS

These FEP/polyimide/FEP tape insulated single-core M81381/12 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: Stranded nickel-plated copper conductor

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 +200°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	0.048	1.22	0.063	1.6	0.068	1.727	6.5	6.1