



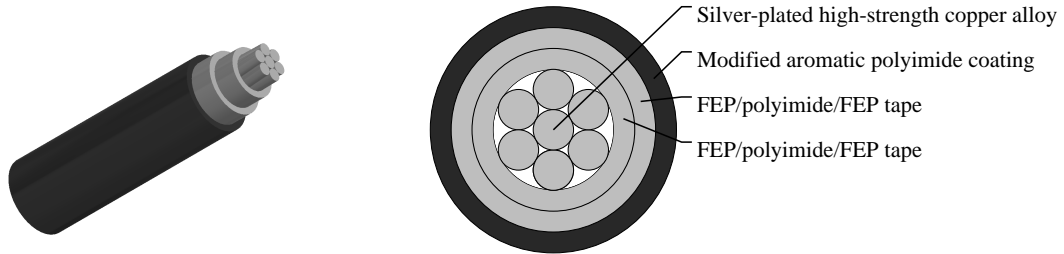
# Caledonian

Military Cables

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## M81381/9 1C30AWG



### APPLICATIONS

These FEP/polyimide/FEP tape insulated single-core M81381/9 cables are used in aerospace applications and other challenging applications. It is well-suited to applications concerned with smoke emission and verload stability.

### VOLTAGE RATING

600V

### CABLE CONSTRUCTION

Conductor: Stranded silver-plated high-strength copper alloy 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
30	7/38	0.011	0.28	0.012	0.3	0.023	0.584	0.026	0.66	0.6	117.4