



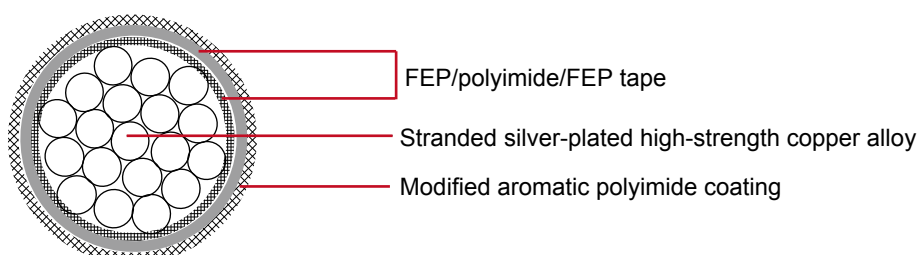
# Caledonian Military Cables

## M81381/13

### Application and Description:

These FEP/polyimide/FEP tape insulated single-core M81381/13 cables are used in aerospace applications and other challenging applications. It is well-suited to applications concerned with smoke emission and overload stability.

### 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

### Characteristics:

**Temperature Range:** -55°C + 200°C

**Voltage Rating:** 600 volts

**Color Code:** MIL-STD-104 (See page 42 )

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

### Dimensions and Weight:

AWG Size	Conductor Stranding	Conductor Diam. Max.		Conductor Diam. Min.		Max. O.D.		Min. O.D.		Maximum Resistance (Ohm/1000' @ 20°C)	Approx LBS/MFT
		in	mm	in	mm	in	mm	in	mm		
28	7/36	0.015	0.380	0.014	0.350	0.035	0.889	0.031	0.787	74.40	1.2
26	19/38	0.020	0.510	0.018	0.460	0.040	1.016	0.036	0.914	44.80	1.3
24	19/36	0.024	0.610	0.023	0.580	0.045	1.143	0.041	1.041	28.40	1.9
22	19/34	0.031	0.790	0.029	0.740	0.051	1.295	0.047	1.194	17.50	2.8
20	19/32	0.039	0.990	0.037	0.940	0.060	1.524	0.059	1.499	10.70	4.2