

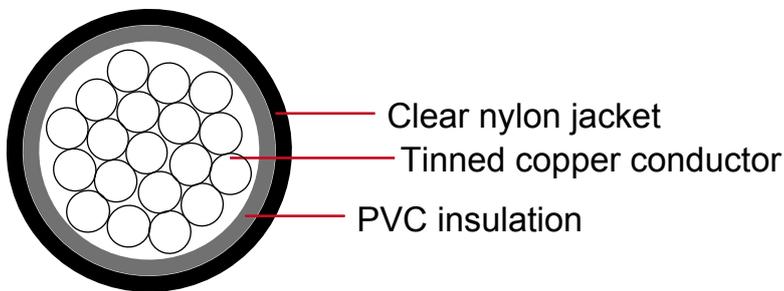
# Caledonian Military Cables

## MIL-W-5086/1 Unshielded Aircraft Wire

### Application and Description:

These PVC insulated single-core MIL-W-5086/1 wires are used in electrical or electronic applications. These cables should be considered for use in any application where it may be exposed to chemicals, but-through, impact, abrasion, or other abuse. This wire offers excellent resistance to moisture, fuels, hydraulic fluids, and other common industrial solvents.

### Construction:



**Conductor:** Stranded soft annealed tinned copper

**Insulation:** Polyvinyl chloride (PVC)

**Jacket:** Clear nylon jacket

### Characteristics:

**Temperature Rating:** 105°C

**Voltage Rating:** 600 volts

**Mil-Spec Wire**

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

### Dimensions and Weight:

AWG Size	Conductor Stranding	Conductor Diam.		Nom. O.D.		Approx LBS/MFT
		in	mm	in	mm	
22	19/34	0.032	0.813	0.068	1.727	4.0
20	19/32	0.041	1.041	0.078	1.981	6.0
18	19/30	0.051	1.295	0.088	2.235	8.3
16	19/29	0.059	1.499	0.098	2.489	10.3
14	19/27	0.072	1.829	0.117	2.972	15.7
12	37/28	0.093	2.362	0.137	3.480	23.7
10	37/26	0.112	2.845	0.159	4.039	35.0