



Caledonian Military Cables

MIL-W-22759/89

Application and Description

These PTFE tape insulation single-core MIL-W-22759/89 wires are used for MIL-Spec and Aerospace, these cables are normal weight, high-performance, aerospace hook up wires with insulation composed of PTFE/polyimide/PTFE tape and PTFE tape. These wires are designed for aerospace and other applications which require excellent thermal stability and high break strength.

Construction Details

A PTFE/K/PTFE layer construction

Construction

Conductor: Silver plated high strength copper alloy

Insulation: Fluoropolymer/Polyimide Tape

Insulating Material Thickness: 14 mil (0.40 mm)

Characteristics

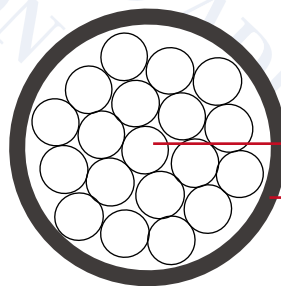
Temperature Rating: 200°C

Voltage Rating: 600 volts

MIL-Spec Wire

SAE AS22759/89

Color Code: MIL-STD-681



Silver plated high strength copper conductor

Fluoropolymer/Polyimide Tape Insulation

Dimensions and Weight

AWG Size	Conductor Stranding	Conductor Diam. Min		Conductor Diam. Max		Min O.D.		Max O.D.		Approx LBS/MFT
		in	mm	in	mm	in	mm	in	mm	
26	19/38	0.0175	0.445	0.0204	0.518	0.033	0.838	0.037	0.94	1.55
24	19/36	0.0225	0.572	0.0244	0.62	0.038	0.965	0.042	1.067	2.15
22	19/34	0.0285	0.724	0.0314	0.798	0.043	1.092	0.047	1.194	3
20	19/32	0.0365	0.927	0.0395	1.003	0.051	1.295	0.055	1.397	4.55