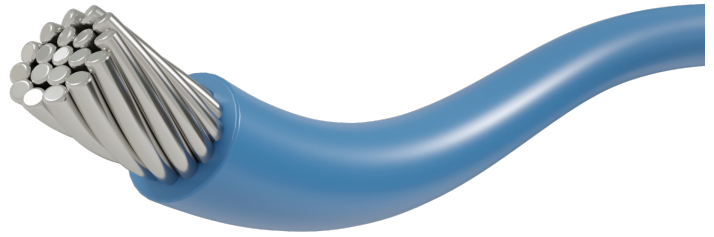


## CASFLON™ SAE

AS22759 / 9 / 10 / 11 / 12

-65°C to +200°C or 260°C, 1000V or 600V



### Construction

**Type:** electrical wire

**Core:** silver-plated copper or nickel plated copper

**Insulation:** extruded PTFE

### Production

**Range width:** AWG 28 to 8

**Options:** contact us for more options

### Application

**Aviation:** Electrical lightweight cables used in electronic equipment for aircraft, missile systems or aeronautical test benches

### General characteristics

**Weather conditions:** excellent resistance to UV

**Chemical behaviors:** excellent resistance to aggressive chemical environments

**Humidity:** excellent resistance to humidity

**Mechanical behaviors:** excellent mechanical strength

### Thermal characteristics

**Operating temperature:** SPC: -65°C to +200°C

NPC: -65°C to +260°C

### Electrical characteristics

**Operating Voltage:** AS22759 /9 /10 : 1000V

AS22759 /11 /12 : 600V

### Approvals – Standards

**NEMA standard:** MIL-W-22759/ 9 / 10 / 11 / 12

## AS22759 / 9 , ex. MIL-W-22759 / 9 1000V

AWG/Stranding	Insulation Thickness		O.D.		Weight	
	(inch)	(mm)	(inch)	(mm)	(lbs/mft)	(kg/km)
28 7/36	0.014	0.356	0.043	1.09	2	2.98
26 19/38	0.015	0.381	0.048	1.22	3	4.46
24 19/36	0.015	0.381	0.053	1.35	4	5.95
22 19/34	0.015	0.381	0.06	1.52	5	7.44
20 19/32	0.015	0.381	0.068	1.73	7	10.42
18 19/30	0.015	0.381	0.078	1.98	9	13.39
16 19/29	0.015	0.381	0.085	2.16	11	16.37
14 19/27	0.016	0.406	0.1	2.54	17	25.30
12 19/25	0.017	0.432	0.12	3.05	24	35.71

#### COPYRIGHT

This document is protected under copyright law and is the property of Casmo Cable. Data contained herein is confidential to Casmo Cable and this document and/or any part of the data contained herein may not be copied, duplicated, or released for the manufacturing or sale of equipment outside of Casmo Cable or any affiliates without the prior written authorization of Casmo Cable

#### CAUTION

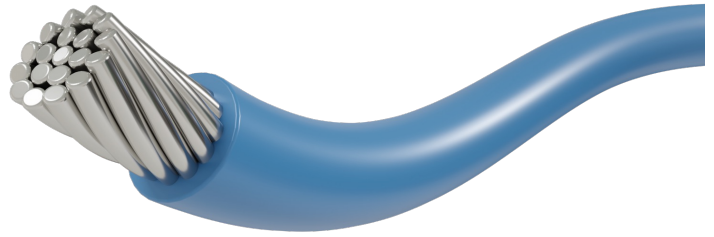
The information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact Casmo Cable for dimensional verification, information herein is believed to be accurate as of the publication date; however, if an error exists it is unintentional and Casmo Cable is not responsible for any claim traceable to such error.



**CASFLON™ SAE**

**AS22759 / 9 / 10 / 11 / 12**

**-65°C to +200°C or 260°C, 1000V or 600V**



**AS22759 / 10 , ex. MIL-W-22759 / 10 1000V**

AWG/Stranding	Insulation Thickness		O.D.		Weight	
	(inch)	(mm)	(inch)	(mm)	(lbs/mft)	(kg/km)
28 7/36	0.014	0.356	0.043	1.09	2	2.98
26 19/38	0.014	0.356	0.048	1.22	3	4.46
24 19/36	0.014	0.356	0.053	1.35	4	5.95
22 19/34	0.015	0.381	0.06	1.52	5	7.44
20 19/32	0.015	0.381	0.068	1.73	7	10.42
18 19/30	0.015	0.381	0.078	1.98	9	13.39
16 19/29	0.015	0.381	0.085	2.16	11	16.37
14 19/27	0.016	0.406	0.1	2.54	17	25.30
12 19/25	0.017	0.432	0.12	3.05	24	35.71

**AS22759 / 11 , ex. MIL-W-22759 / 11 600V**

CASMO P.N.	CASMO P.N.		CASMO P.N.		CASMO P.N.	
	CASMO P.N.	CASMO P.N.	CASMO P.N.	CASMO P.N.	CASMO P.N.	CASMO P.N.
28 7/36	0.009	0.229	0.033	0.84	2	2.98
26 19/38	0.01	0.254	0.038	0.97	2	2.98
24 19/36	0.01	0.254	0.043	1.09	3	4.46
22 19/34	0.009	0.229	0.049	1.24	4	5.95
20 19/32	0.01	0.254	0.058	1.47	6	8.93
18 19/30	0.01	0.254	0.068	1.73	8	11.90
16 19/29	0.01	0.254	0.075	1.91	10	14.88
14 19/27	0.011	0.279	0.09	2.29	15	22.32
12 19/25	0.013	0.330	0.111	2.82	23	34.23
10 37/26	0.015	0.381	0.139	3.53	35	52.08
8 133/29	0.019	0.483	0.204	5.18	66	98.21

**COPYRIGHT**

This document is protected under copyright law and is the property of Casmo Cable. Data contained herein is confidential to Casmo Cable and this document and/or any part of the data contained herein may not be copied, duplicated, or released for the manufacturing or sale of equipment outside of Casmo Cable or any affiliates without the prior written authorization of Casmo Cable.

**CAUTION**

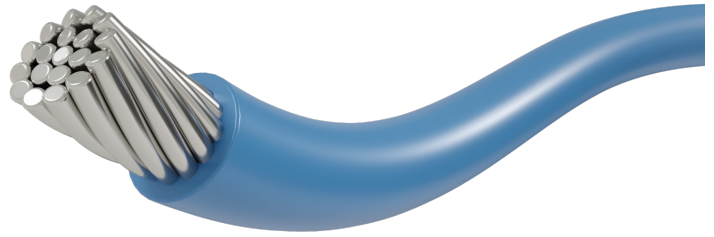
The information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact Casmo Cable for dimensional verification. Information herein is believed to be accurate as of the publication date; however, if an error exists it is unintentional and Casmo Cable is not responsible for any claim traceable to such error.



**CASFLON™ SAE**

**AS22759 / 9 / 10 / 11 / 12**

**-65°C to +200°C or 260°C , 1000V or 600V**



**AS22759 / 12 , ex. MIL-W-22759 / 12 600V**

AWG/Stranding	Insulation Thickness		O.D.		Weight	
	(inch)	(mm)	(inch)	(mm)	(lbs/mft)	(kg/km)
28 7/36	0.009	0.229	0.033	0.84	2	2.98
26 19/38	0.01	0.254	0.038	0.97	2	2.98
24 19/36	0.01	0.254	0.043	1.09	3	4.46
22 19/34	0.009	0.229	0.049	1.24	4	5.95
20 19/32	0.01	0.254	0.058	1.47	6	8.93
18 19/30	0.01	0.254	0.068	1.73	8	11.90
16 19/29	0.01	0.254	0.075	1.91	10	14.88
14 19/27	0.011	0.279	0.09	2.29	15	22.32
12 19/25	0.013	0.330	0.111	2.82	23	34.23
10 37/26	0.015	0.381	0.139	3.53	35	52.08
8 133/29	0.019	0.483	0.204	5.18	66	98.21

**COPYRIGHT**

This document is protected under copyright law and is the property of Casmo Cable. Data contained herein is confidential to Casmo Cable and this document and/or any part of the data contained herein may not be copied, duplicated, or released for the manufacturing or sale of equipment outside of Casmo Cable or any affiliates without the prior written authorization of Casmo Cable

**CAUTION**

The information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact Casmo Cable for dimensional verification. Information herein is believed to be accurate as of the publication date; however, if an error exists it is unintentional and Casmo Cable is not responsible for any claim traceable to such error.

