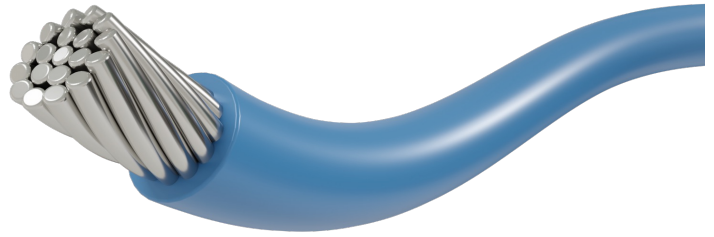


CASFLON™ SAE
AS22759 / 5 / 6 / 7 / 8
-65°C to +200°C or 260°C, 600V



Construction

Type: electrical wire
Core: silver-plated copper or nickel plated copper
Insulation: extruded PTFE

Production

Range width: AWG 24 to 4
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: 600V

Approvals – Standards

NEMA standard: MIL-W-22759 / 5 / 6 / 7 / 8

AS22759 / 5 , ex. MIL-W-22759 / 5 600V

AWG/Stranding	Insulation Thickness		O.D.		Weight	
	(inch)	(mm)	(inch)	(mm)	(lbs/mft)	(kg/km)
24 19/36	0.026	0.660	0.075	1.91	7	10.42
22 19/34	0.028	0.711	0.085	2.16	8	11.90
20 19/32	0.029	0.737	0.095	2.41	10	14.88
18 19/30	0.031	0.787	0.11	2.79	14	20.83
16 19/29	0.036	0.914	0.125	3.18	18	26.79
14 19/27	0.038	0.965	0.143	3.63	25	37.20
12 19/25	0.038	0.965	0.16	4.06	33	49.11
10 37/26	0.035	0.889	0.179	4.55	42	62.50
8 133/29	0.04	1.016	0.248	6.30	81	120.54
4 133/25	0.042	1.067	0.37	9.40	180	267.86

COPYRIGHT

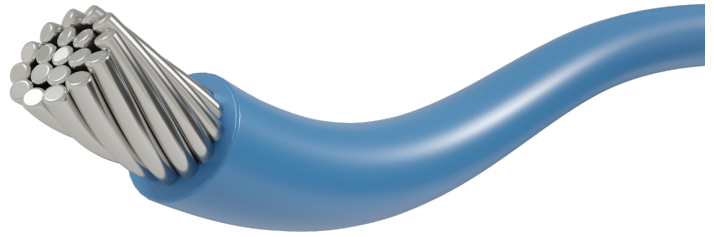
This document is protected under copyright law and is the property of Casmo Cable. Data contained herein is confidential to Casmo Cable and this document and/or any part of the data contained herein may not be copied, duplicated, or released for the manufacturing or sale of equipment outside of Casmo 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 / 5 / 6 / 7 / 8
-65°C to +200°C or 260°C, 600V



AS22759 / 6 , ex. MIL-W-22759 / 6 600V

AWG/Stranding	Insulation Thickness		O.D.		Weight	
	(inch)	(mm)	(inch)	(mm)	(lbs/mft)	(kg/km)
24 19/36	0.026	0.660	0.075	1.91	7	10.42
22 19/34	0.028	0.711	0.085	2.16	8	11.90
20 19/32	0.029	0.737	0.095	2.41	10	14.88
18 19/30	0.031	0.787	0.11	2.79	14	20.83
16 19/29	0.036	0.914	0.125	3.18	18	26.79
14 19/27	0.038	0.965	0.143	3.63	25	37.20
12 19/25	0.038	0.965	0.16	4.06	33	49.11
10 37/26	0.035	0.889	0.179	4.55	42	62.50
8 133/29	0.04	1.016	0.248	6.30	81	120.54
4 133/25	0.042	1.067	0.37	9.40	180	267.86

AS22759 / 7 , ex. MIL-W-22759 / 7 600V

AWG/Stranding	Insulation Thickness		O.D.		Weight	
	(inch)	(mm)	(inch)	(mm)	(lbs/mft)	(kg/km)
24 19/36	0.019	0.483	0.062	1.57	4	5.95
22 19/34	0.022	0.559	0.073	1.85	6	8.93
20 19/32	0.022	0.559	0.082	2.08	8	11.90
18 19/30	0.022	0.559	0.092	2.34	11	16.37
16 19/29	0.024	0.610	0.102	2.59	14	20.83
14 19/27	0.023	0.584	0.115	2.92	19	28.27
12 19/25	0.024	0.610	0.134	3.40	28	41.67
10 37/26	0.025	0.635	0.158	4.01	40	59.52
8 133/29	0.03	0.762	0.22	5.59	71	105.65
6 133/27	0.03	0.762	0.27	6.86	108	160.71
4 133/25	0.035	0.889	0.328	8.33	169	251.49

COPYRIGHT

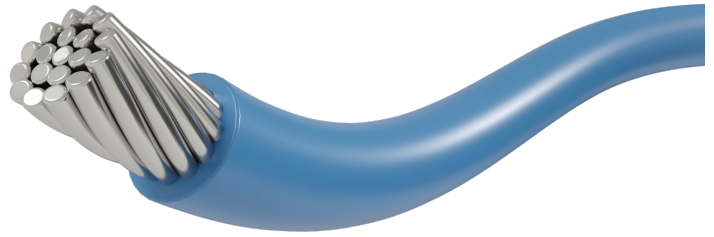
This document is protected under copyright law and is the property of Casmo Cable. Data contained herein is confidential to Casmo Cable and this document and/or any part of the data contained herein may not be copied, duplicated, or released for the manufacturing or sale of equipment outside of Casmo 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 / 5 / 6 / 7 / 8
-65°C to +200°C or 260°C, 600V



AS22759 / 8 , ex. MIL-W-22759 / 8 600V

AWG/Stranding	Insulation Thickness		O.D.		Weight	
	(inch)	(mm)	(inch)	(mm)	(lbs/mft)	(kg/km)
24 19/36	0.019	0.483	0.062	1.57	4	5.95
22 19/34	0.022	0.559	0.073	1.85	6	8.93
20 19/32	0.022	0.559	0.082	2.08	8	11.90
18 19/30	0.022	0.559	0.092	2.34	11	16.37
16 19/29	0.024	0.610	0.102	2.59	14	20.83
14 19/27	0.023	0.584	0.115	2.92	19	28.27
12 19/25	0.024	0.610	0.134	3.40	28	41.67
10 37/26	0.025	0.635	0.158	4.01	40	59.52
8 133/29	0.025	0.635	0.22	5.59	71	105.65
6 133/27	0.03	0.762	0.27	6.86	108	160.71
4 133/25	0.035	0.889	0.328	8.33	169	251.49

COPYRIGHT

This document is protected under copyright law and is the property of Casmco Cable. Data contained herein is confidential to Casmco 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 Casmco Cable or any affiliates without the prior written authorization of Casmco Cable.

CAUTION

The information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact Casmco 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 Casmco Cable is not responsible for any claim traceable to such error.

