

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

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CAUTION

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

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

CASMO P.N.	CASMO P.N.		CASMO P.N.		CASMO P.N.	
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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

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