

CASFLON™ SAE

AS22759 / 20 / 21 / 22 / 23
-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 20
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: 1000V or 600V

Approvals – Standards

NEMA standard: MIL-W-22759 / 20 / 21 / 22 / 23

AS22759 / 20 , ex. MIL-W-22759 / 20 1000V or 600V

AWG/Stranding	Insulation Thickness		O.D.		Weight	
	(inch)	(mm)	(inch)	(mm)	(lbs/mft)	(kg/km)
28 7/36	0.015	0.381	0.043	1.09	4	5.95
26 19/38	0.015	0.381	0.048	1.22	4	5.95
24 19/34	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	6	8.93

AS22759 / 21 , ex. MIL-W-22759 / 21 1000V or 600V

AWG/Stranding	Insulation Thickness		O.D.		Weight	
	(inch)	(mm)	(inch)	(mm)	(lbs/mft)	(kg/km)
28 7/36	0.015	0.381	0.043	1.09	4	5.95
26 19/38	0.015	0.381	0.048	1.22	4	5.95
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CAUTION

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AS22759 / 22 , ex. MIL-W-22759 / 22 1000V or 600V

AWG/Stranding	Insulation Thickness		O.D.		Weight	
	(inch)	(mm)	(inch)	(mm)	(lbs/mft)	(kg/km)
28 7/36	0.01	0.254	0.033	0.84	3	4.46
26 19/38	0.01	0.254	0.038	0.97	3	4.46
24 19/34	0.01	0.254	0.043	1.09	3	4.46
22 19/34	0.01	0.254	0.049	1.24	4	5.95
20 19/32	0.01	0.254	0.058	1.47	6	8.93

AS22759 / 23 , ex. MIL-W-22759 / 23 1000V or 600V

AWG/Stranding	Insulation Thickness		O.D.		Weight	
	(inch)	(mm)	(inch)	(mm)	(lbs/mft)	(kg/km)
28 7/36	0.01	0.254	0.033	0.84	3	4.46
26 19/38	0.01	0.254	0.038	0.97	3	4.46
24 19/34	0.01	0.254	0.043	1.09	3	4.46
22 19/34	0.01	0.254	0.049	1.24	4	5.95
20 19/32	0.01	0.254	0.058	1.47	6	8.93

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