

SAE-AS22759 Extruded PTFE

Replaces MIL-W-22759/9, /10, /11, /12

Construction

Stranded silver or nickel plated copper
Extruded Polytetrafluoroethylene (PTFE)

Ratings/Approvals

Printed in accordance with SAE-AS22759

	AS22759/9	AS22759/10	AS22759/11	AS22759/12
Voltage Rating	1000	1000	600	600
Temperature (° C)	200°C	260°C	200°C	260°C
Conductor Type	SPC	NPC	SPC	NPC
AWG/Stranding	Mils/OD lbs/mft	Mils/OD lbs/mft	Mils/OD lbs/mft	Mils/OD lbs/mft
28 7/36	14/.043" 2	14/.043" 2	9/.033" 2	9/.033" 2
26 19/38	15/.048" 3	14/.048" 3	10/.038" 2	10/.038" 2
24 19/36	15/.053" 4	14/.053" 4	10/.043" 3	10/.043" 3
22 19/34	15/.060" 5	15/.060" 5	9/.049" 4	9/.049" 4
20 19/32	15/.068" 7	15/.068" 7	10/.058" 6	10/.058" 6
18 19/30	15/.078" 9	15/.078" 9	10/.068" 8	10/.068" 8
16 19/29	15/.085" 11	15/.085" 10	10/.075" 10	10/.075" 10
14 19/27	16/.100" 17	16/.100" 17	11/.090" 15	11/.090" 15
12 19/25	17/.120" 24	17/.120" 24	13/.111" 23	13/.111" 23
10 37/26	-	-	15/.139" 35	15/.139" 35
8 133/29	-	-	19/.204" 66	19/.204" 66

	DC Resistance Ohms/mft	
AWG/Stranding		
Conductor Type	SPC	NPC
28 7/36	63.8	67.9
26 19/38	38.4	42.2
24 19/36	24.3	25.9
22 19/34	15.1	16.0
20 19/32	9.2	9.8
18 19/30	5.8	6.1
16 19/29	4.5	4.8
14 19/27	2.9	3.0
12 19/25	1.8	1.9
10 37/26	1.2	1.2
8 133/29	0.7	0.7

Additional constructions available - check with the factory for details
All figures referenced are nominal

SAE-AS22759 Extruded PTFE

Replaces MIL-W-22759/20, /21, /22, /23

Construction

Stranded silver or nickel high strength alloy
Extruded Polytetrafluoroethylene (PTFE)

Ratings/Approvals

Printed in accordance with SAE-AS22759

	AS22759/20	AS22759/21	AS22759/22	AS22759/23
Voltage Rating	1000	1000	600	600
Temperature (° C)	200°C	260°C	200°C	260°C
Conductor Type	SPA	NPA	SPA	NPA
AWG/Stranding	Mils/OD lbs/mft	Mils/OD lbs/mft	Mils/OD lbs/mft	Mils/OD lbs/mft
28 7/36	15/.043" 4	15/.043" 4	10/.033" 3	10/.033" 3
26 19/38	15/.048" 4	15/.048" 4	10/.038" 3	10/.038" 3
24 19/36	15/.053" 4	15/.053" 4	10/.043" 3	10/.043" 3
22 19/34	15/.060" 5	15/.060" 5	10/.049" 4	10/.049" 4
20 19/32	15/.068" 6	15/.068" 6	10/.058" 6	10/.058" 6

	DC Resistance Ohms/mft	
AWG/Stranding		
Conductor Type	SPC	NPC
28 7/36	63.8	67.9
26 19/38	38.4	42.2
24 19/36	24.3	25.9
22 19/34	15.1	16.0
20 19/32	9.2	9.8

Additional constructions available - check with the factory for details
All figures referenced are nominal