

SAE-AS22759 Extruded ETFE

Replaces MIL-W-22759/16, /17, /18, /19

Construction

Stranded tin plated copper or silver plated high strength alloy
Extruded ETFE

Ratings/Approvals

Printed in accordance with SAE-AS22759
150° C 600 Volts

	AS22759/16		AS22759/17		AS22759/18		AS22759/19	
Conductor Type	TPC		SPA		TPC		SPA	
AWG/Stranding	Mils/OD	lbs/mft	Mils/OD	lbs/mft	Mils/OD	lbs/mft	Mils/OD	lbs/mft
26 19/38	-		11/.040"	2	7/.032"	2	6/.032"	2
24 19/36	15/.053"	3	11/.045"	3	7/.036"	2	6/.036"	2
22 19/34	15/.060"	4	11/.052"	4	7/.043"	3	6/.043"	3
20 19/32	15/.068"	5	11/.060"	5	7/.051"	5	6/.051"	5
18 19/30	12/.071"	8	-		7/.061"	6	-	
16 19/29	13/.079"	10	-		9/.070"	8	-	
14 19/27	13/.093"	15	-		9/.085"	14	-	
12 37/28	14/.114"	22	-		11/.107"	21	-	
10 37/26	15/.139"	33	-		13/.134"	33	-	
8 133/29	18/.199"	62	-		-		-	
6 133/27	23/.250"	97	-		-		-	
4 133/25	27/.312"	150	-		-		-	
2 665/30	29/.388"	250	-		-		-	
1 817/30	31/.431"	300	-		-		-	
0 1045/30	32/.479"	370	-		-		-	
00 1330/30	44/.546"	480	-		-		-	

	DC Resistance Ohms/mft	
AWG/Stranding		
Conductor Type	TPC	SPA
26 19/38	41.3	44.8
24 19/36	26.2	28.4
22 19/34	16.2	17.5
20 19/32	9.9	10.7
18 19/30	6.2	-
16 19/29	4.8	-
14 19/27	3.1	-
12 37/28	2.0	-
10 37/26	1.3	-
8 133/29	0.7	-
6 133/27	0.4	-
4 133/25	0.3	-
2 665/30	0.2	-
1 817/30	0.16	-
0 1045/30	0.12	-
00 1330/30	0.09	-

Additional constructions available - check with the factory for details

All figures referenced are nominal