

# SAE-AS22759 Mineral Filled PTFE

*Replaces MIL-W-22759/5, /6, /7, /8*

## Construction

Stranded silver or nickel plated conductor  
Extruded mineral filled Polytetrafluoroethylene (PTFE)

## Ratings/Approvals

Printed in accordance with SAE-AS22759  
600 Volts

	AS22759/5		AS22759/6		AS22759/7		AS22759/8	
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
24 19/36	26/.075"	6	26/.075"	6	19/.062"	4	19/.062"	4
22 19/34	27/.085"	8	27/.085"	8	21/.073"	6	21/.073"	6
20 19/32	28/.095"	10	28/.095"	10	22/.082"	8	22/.082"	8
18 19/30	31/.110"	14	31/.110"	14	22/.092"	11	22/.092"	11
16 19/29	35/.125"	18	35/.125"	18	24/.102"	14	24/.102"	14
14 19/27	37/.143"	25	37/.143"	25	23/.115"	19	23/.115"	19
12 19/25	38/.160"	35	38/.160"	35	24/.134"	29	24/.134"	29
10 37/26	35/.179"	48	35/.179"	48	25/.158"	42	24/.158"	42
8 133/29	43/.248"	84	42/.248"	84	28/.220"	73	27/.220"	73
6 133/27	47/.300"	126	46/.300"	126	32/.270"	111	31/.270"	111
4 133/25	48/.355"	188	47/.355"	180	35/.328"	169	33/.328"	169

	DC Resistance Ohms/mft	
AWG/Stranding		
Conductor Type	SPC	NPC
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	.7	.7
6 133/27	.4	.4
4 133/25	.3	.3

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