

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