



M22759 Mil-Spec Airframe Wire
MIL-W-22759/15 | SAE AS22759/15 &
MIL-W-22759/16 | SAE AS22759/16



MIL-W-22759/15 | SAE AS22759/15 **MIL-W-22759/16 | SAE AS22759/16**

CONSTRUCTION

- Silver coated high strength copper alloy
- Extruded FEP
- Clear PVDF Jacket

CHARACTERISTICS

- Temperature Range : 135°C
- Voltage Rating : 600 Volts

CONSTRUCTION

- Tin Plated Copper
- Tefzel Insulation

CHARACTERISTICS

- Temperature Range : 150°C
- Voltage Rating : 600 Volts

IDENTIFICATION

- Green or white print on the insulation
- Military part number including AWG

Specifications of MIL-W-22759/15 | SAE AS22759/15 Wire

| AWG Size | Conductor Stranding | Min O.D. (in) | Max O.D. (in) |
|----------|---------------------|---------------|---------------|
| 26 | 19/38 | 0.035 | 0.039 |
| 24 | 19/36 | 0.040 | 0.044 |
| 22 | 19/34 | 0.045 | 0.051 |
| 20 | 19/32 | 0.053 | 0.059 |

Specifications of MIL-W-22759/16 | SAE AS22759/16 Wire

| AWG Size | Conductor Stranding | Min O.D. (in) | Max O.D. (in) |
|----------|---------------------|---------------|---------------|
| 24 | 19/36 | 0.043 | 0.047 |
| 22 | 19/34 | 0.050 | 0.054 |
| 20 | 19/32 | 0.058 | 0.062 |
| 18 | 19/30 | 0.069 | 0.073 |
| 16 | 19/29 | 0.077 | 0.081 |
| 14 | 19/27 | 0.091 | 0.095 |
| 12 | 37/28 | 0.111 | 0.117 |
| 10 | 37/26 | 0.136 | 0.142 |
| 8 | 133/29 | 0.196 | 0.202 |
| 6 | 133/27 | 0.247 | 0.253 |
| 4 | 133/25 | 0.308 | 0.316 |
| 2 | 665/30 | 0.384 | 0.392 |
| 1 | 817/30 | 0.426 | 0.436 |
| 2/0 | 1330/30 | 0.539 | 0.553 |
| 1/0 | 1045/30 | 0.473 | 0.485 |