



MIL-W-22759/12- SAE AS22759/12, 600V, Thin-Wall PTFE

Description

Mil-W-22759/12 has a nickel plated copper conductor and PTFE insulation, which provides stability in high temperature environments.

Approvals

Mil-W-22759/12
SAE AS22759/12

Construction

Stranded nickel plated copper conductors
Thin wall Extruded Polytetrafluoroethylene (PTFE) insulation
0.010" Nominal Wall Thickness

Temperature Rating

260°C

Voltage Rating

600V



Application

Mil-W-22759/12 is a thin wall high temperature wire. Mil-W - 22759/12 is known for its strong performance in aerospace, commercial and military applications.



| Sycor Part No. | AWG | Stranding | Conductor Diam. | Insulation Dia. (in) | | Approx Weight Lbs./Mft. | Mil-Spec. Designation |
|-----------------|-----|-----------|-----------------|----------------------|-------|-------------------------|-----------------------|
| | | | | Min | Max | | |
| M22759/12-2807 | 28 | 7/36 | .015" | .031" | .035" | 1.23 | SAE AS22759/12 |
| M22759/12-2619 | 26 | 19/38 | .019" | .036" | .040" | 1.75 | SAE AS22759/12 |
| M22759/12-2419 | 24 | 19/36 | .024" | .041" | .045" | 2.42 | SAE AS22759/12 |
| M22759/12-2219 | 22 | 19/34 | .030" | .047" | .051" | 3.46 | SAE AS22759/12 |
| M22759/12-2019 | 20 | 19/32 | .038" | .056" | .060" | 5.19 | SAE AS22759/12 |
| M22759/12-1819 | 18 | 19/30 | .047" | .066" | .070" | 7.64 | SAE AS22759/12 |
| M22759/12-1619 | 16 | 19/29 | .053" | .073" | .077" | 9.74 | SAE AS22759/12 |
| M22759/12-1419 | 14 | 19/27 | .067" | .088" | .092" | 14.8 | SAE AS22759/12 |
| M22759/12-1237 | 12 | 37/28 | .086" | .108" | .114" | 24 | SAE AS22759/12 |
| M22759/12-1037 | 10 | 37/26 | .109" | .135" | .143" | 35.5 | SAE AS22759/12 |
| M22759/12-08133 | 8 | 133/29 | .163" | .200" | .208" | 58.8 | SAE AS22759/12 |

Additional strandings and gauges available upon request. Please contact us to enquire.

Value Added Services



Cutting



Re-Spooling



Terminating



Twisting

Colour Codes

Colour

Stock colours 0-9. Custom colours and striped combinations available upon request.



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