



# MIL-W-22759/80 - SAE AS22759/80, 600V, PTFE & Polyimide

## Description

Mil-W-22759/80 has layered PTFE and a tin-plated construction, which enables this cable to become much lighter.

## Approvals

Mil-W-22759/80  
SAE AS22759/80

## Construction

Stranded tin plated copper conductor  
Fluoropolymer / PTFE polyimide tape insulation

## Temperature Rating

150°C

## Voltage Rating

600V



## Application

Mil-W-22759/80 is designed for commercial, military and aerospace applications. The Mil-W-22759/80 cables light weight design provides high performance, superior cut through resistance and thermal stability.



| Sycor Part No. | AWG | Stranding | Conductor Dia. (in) |        | Insulation Dia. (in) |       | Approx Weight Lbs./Mft. | Mil-Spec. Designation |
|----------------|-----|-----------|---------------------|--------|----------------------|-------|-------------------------|-----------------------|
|                |     |           | Min                 | Max    | Min                  | Max   |                         |                       |
| M22759/80-2619 | 26  | 19/38     | .0175"              | .0204" | .030"                | .034" | 1.43                    | SAE AS22759/80        |
| M22759/80-2419 | 24  | 19/36     | .0225"              | .0244" | .034"                | .038" | 1.93                    | SAE AS22759/80        |
| M22759/80-2219 | 22  | 19/34     | .0285"              | .0314" | .040"                | .043" | 2.85                    | SAE AS22759/80        |
| M22759/80-2019 | 20  | 19/32     | .0365"              | .0394" | .048"                | .051" | 4.38                    | SAE AS22759/80        |
| M22759/80-1819 | 18  | 19/30     | .0455"              | .0494" | .056"                | .060" | 6.6                     | SAE AS22759/80        |
| M22759/80-1619 | 16  | 19/29     | .0515"              | .0554" | .063"                | .067" | 8.3                     | SAE AS22759/80        |
| M22759/80-1419 | 14  | 19/27     | .0645"              | .0694" | .076"                | .080" | 12.6                    | SAE AS22759/80        |
| M22759/80-1237 | 12  | 37/28     | .0835"              | .0894" | .096"                | .100" | 19.6                    | SAE AS22759/80        |
| M22759/80-1037 | 10  | 37/26     | .1060"              | .1120" | .119"                | .123" | 30.6                    | SAE AS22759/80        |

*Additional standing 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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