

View Online at <https://aerobasegroup.com/nsn/6145-01-156-6545>

**Cross Sectional Shape:**

Flat

**Conductor Quantity:**

50

**Color Coding Document:**

582r459-97942 drawing

**Strand Quantity Per Conductor:**

19 all conductors

**Conductor Form:**

Stranded all conductors

**Round Conductor Size:**

24 awg all conductors

**Strand Awg Size Per Conductor:**

36 all conductors

**Conductor Arrangement And Quantity:**

5 twisted pair and 40 singles

**Voltage Rating:**

600.0 root mean square (rms) operating voltage all conductors

**Special Features:**

Forty single conductors and five twisted pairs woven with plastic (nomex) continuous filament yarn forming a flat configuration with a fold line between the thirtieth conductor and the thirty-first conductor

**Material:**

Plastic polytetrafluoroethylene 1st position primary insulation all conductors

**Material Specification:**

Qq-w-343, soft federal specification single material response core conductor all conductors

**Precious Material And Location:**

Surface all conductors silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver core conductor all conductors

**Surface Treatment Specification:**

Astm b298 assn standard single treatment response core conductor all conductors

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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