

View Online at <https://aerobasegroup.com/nsn/6145-01-296-5410>

**Cross Sectional Shape:**

Round

**Cross Section Outside Diameter:**

0.620 inches

**Conductor Quantity:**

40

**Color Coding Document:**

6135099-03640 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:**

20 twisted pair

**Conductor Grouping Arrangement Type And Quantity:**

20 twisted pair all groups

**Voltage Rating:**

600.0 root mean square (rms) operating voltage all conductors

**Special Features:**

Dsixth grouping arrangement eleventh and twelfth conductor through twentieth grouping arrangement thirty-ninth and fortieth conductor and each twisted pair contains one white and one black conductor

**Color:**

Black 1st position jacket cable

**Material:**

Plastic polytetrafluoroethylene 1st position primary insulation all conductors

**Material Specification:**

Astm b298 federal specification single material response core conductor all conductors

**Precious Material And Location:**

Surface all conductors silver and surface shield braid 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

**Fig:**

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