

View Online at <https://aerobasegroup.com/nsn/6145-01-258-4738>

**Cross Sectional Shape:**

Round

**Temperature Rating:**

-55.0 degrees celsius and 70.0 degrees celsius

**Cross Section Outside Diameter:**

1.084 inches

**Conductor Quantity:**

32

**Color Coding Document:**

19-553916-11293 drawing

**Strand Quantity Per Conductor:**

7 all conductors

**Conductor Form:**

Stranded all conductors

**Round Conductor Size:**

20 awg all conductors

**Strand Awg Size Per Conductor:**

28 all conductors

**Conductor Arrangement And Quantity:**

16 twisted pair

**Conductor Grouping Arrangement Type And Quantity:**

16 twisted pair all groups

**Voltage Rating:**

600.0 root mean square (rms) operating voltage all conductors

**Special Features:**

5sixth grouping arrangement eleventh and twelfth conductor through sixteenth grouping arrangement thirty-first and thirty-second conductor.

Optional material for separator between outer shield and outer jacket is nylon 840/1 denier polyamide yarn

**Color:**

Black 1st position jacket cable

**Material:**

Copper alloy 101 core conductor all conductors or copper alloy 102 core conductor all conductors

**Material Specification:**

Astm b33 assn standard all material responses core conductor all conductors

**Surface Treatment:**

Tin core conductor all conductors

**Surface Treatment Specification:**

Astm b33-63 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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