

View Online at <https://aerobasegroup.com/nsn/6145-01-376-2051>

**Cross Sectional Shape:**

Round

**Temperature Rating:**

55.0 degrees celsius and 105.0 degrees celsius

**Cross Section Outside Diameter:**

0.688 inches

**Conductor Quantity:**

14

**Color Coding Document:**

C003462-60854 drawing

**Strand Quantity Per Conductor:**

19 all conductors

**Conductor Form:**

Stranded all conductors

**Round Conductor Size:**

22 awg all conductors

**Strand Awg Size Per Conductor:**

34 all conductors

**Conductor Arrangement And Quantity:**

7 twisted pair

**Group Quantity:**

7

**Conductor Grouping Arrangement Type And Quantity:**

1 twisted pair all groups

**Conductor Sequence Within Groups:**

First conductor first group and second conductor first group third conductor second group and fourth conductor second group fifth conductor third group and sixth conductor third group seventh conductor fourth group and eighth conductor fourth group ninth conductor fifth group and tenth conductor fifth group

**Voltage Rating:**

600.0 root mean square (rms) operating voltage all conductors

**Material:**

Copper core conductor all conductors plastic polyvinyl chloride 1st position primary insulation all conductors plastic polyamide 2nd position jacket all conductors copper 3rd position shield braid, metallic all groups plastic polyvinyl chloride 4th position jacket all groups copper 5th position shield braid, metallic cable aluminum 6th position shield foil cable and plastic polyester 6th position shield foil cable copper 7th position shield braid, metallic cable plastic polyvinyl chloride 8th position jacket cable

**Material Specification:**

Astm b33 assn standard single material response core conductor all conductors

**Nuclear Hardness Critical Feature:**

Hardened

**Surface Treatment:**

Tin core conductor all conductor tin 3rd position shield braid, metallic all group tin 5th position shield braid, metallic cable tin 7th position shield braid, metallic cable

**Surface Treatment Specification:**

Astm b33 assn standard single treatment response core conductor all conductors

**Shelf Life:**

**Demilitarization:**

No

**Fig:**

A077a0