

View Online at <https://aerobasegroup.com/nsn/6145-01-376-2050>

Cross Sectional Shape:

Round

Tempurature Rating:

-55.0 degrees celsius and 105.0 degrees celsius

Cross Section Outside Diameter:

1.070 inches

Conductor Quantity:

38

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:

19 twisted pair

Group Quantity:

19

Conductor Grouping Arrangement Type And Quantity:

1 twisted pair all groups

Conductor Sequence Within Groups:

First conductor first group and second conductor first groupthird conductor second group and fourth conductor second groupfifth conductor third group and sixth conductor third groupseventh conductor fourth group and eighth conductor fourth groupninth conductor fifth group and tenth conductor fifth group

Voltage Rating:

600.0 root mean square (rms) operating voltage all conductors

Special Features:

Sixth grouping arrangement eleventh and twelfth conductors through nineteenth grouping arrangement thirty-seventh and thirty-eighth conductors and each pair has one black wire and one white wire . Outer jacket color may be black or white, black is preferred.Each subcable jacket is individually identified by color stripes on white jackets.

Material:

Copper core conductor all conductorsplastic polyvinyl chloride 1st position primary insulation all conductorsplastic polyamide 2nd position jacket all conductorscopper 3rd position shield braid, metallic all groupspastic polyvinyl chloride 4th position jacket all groupscopper 5th position shield braid, metallic cablealuminum 6th position shield foil cable and plastic polyester 6th position shield foil cablecopper 7th position shield braid, metallic cableplastic 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 conductorstin 3rd position shield braid, metallic all groupstin 5th position shield braid, metallic cable

Unit Of Measure:

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Demilitarization:

No

Fig:

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