

View Online at <https://aerobasegroup.com/nsn/6150-01-353-1471>

**Cross Sectional Shape:**

Round

**Overall Length:**

25.000 inches

**Termination Type:**

Connector plug 1st end all conductorsconnector receptacle 2nd end all conductors

**Conductor Quantity:**

49

**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:**

23 singles and 7 twisted pair and 4 twisted triples

**Group Quantity:**

3

**Conductor Grouping Arrangement Type And Quantity:**

23 singles first group7 twisted pair second group4 twisted triples third group

**Terminal Manufacturer Identifying Reference Number:**

Ms27467t25b61pb 1st end all conductorsms27656t25b61sb 2nd end all conductors

**Terminal Commercial And Government Entity Code:**

96906 both ends all conductors

**Special Features:**

Tw pair color code white & white/blue; tw triple color code white & white/blue & white/orange; both connectors are polarity keyed; singles conform to m81044/12-22-9; tw pair conforms tom27500-22ml2t08; tw triples conform tom27500-22ml3t08

**Color:**

White 1st position primary insulation first groupwhite 4th position jacket second groupwhite 4th position jacket third groupblack 6th position sleeve cable

**Material:**

Copper core conductor all conductorsplastic cross-linked polyalkene 1st position primary insulation all conductorsplastic cross-linked polyvinylidene fluoride 2nd position secondary insulation all conductorscopper 3rd position shield braid, metallic second groupcopper 3rd position shield braid, metallic third groupplastic cross-linked polyvinylidene fluoride 4th position jacket second groupplastic cross-linked polyvinylidene fluoride 4th position jacket third groupcopper 5th position shield braid, metallic cableplastic polyester 6th position sleeve cable

**Material Specification:**

Qqb575r30t0562 federal specification 8th material response 5th position shield braid, metallic cable

**Surface Treatment:**

Tin core conductor all conductorstin 3rd position shield braid, metallic second grouptin 3rd position shield braid, metallic third grouptin 5th position shield braid, metallic cable

**Style Designator:**

Internal angle and internal straight connector

**Shelf Life:**

**Demilitarization:**

No

**Fiig:**

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