

View Online at <https://aerobasegroup.com/nsn/6150-01-361-0494>

**Cross Sectional Shape:**

Round

**Overall Length:**

20.000 feet

**Tempurature Rating:**

150.0 degrees celsius

**End Application:**

Kmu-353a/b

**Termination Type:**

Connector plug both ends all conductors

**Conductor Quantity:**

16

**Tracer Color:**

Blue single tracer first conductorblue single tracer third conductorblue single tracer fifth conductor

**Strand Quantity Per Conductor:**

19 all conductors

**Conductor Form:**

Stranded all conductors

**Round Conductor Size:**

16 awg 1st conductor16 awg 2nd conductor20 awg 3rd conductor20 awg 4th conductor16 awg 5th conductor16 awg 6th conductor20 awg 7th conductor20 awg 8th conductor16 awg 9th conductor20 awg 10th conductor

**Strand Awg Size Per Conductor:**

29 1st conductor29 2nd conductor32 3rd conductor32 4th conductor29 5th conductor29 6th conductor32 7th conductor32 8th conductor29 9th conductor32 10th conductor

**Conductor Arrangement And Quantity:**

10 singles and 3 twisted pair

**Group Quantity:**

3

**Conductor Grouping Arrangement Type And Quantity:**

1 twisted pair first group1 twisted pair second group1 twisted pair third group

**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 group

**Voltage Rating:**

600.0 root mean square (rms) operating voltage all conductors

**Terminal Manufacturer Identifying Reference Number:**

Ms3476l20-16p 1st end all conductorsms3476l20-16s 2nd end all conductors

**Terminal Commercial And Government Entity Code:**

96906 both ends all conductors

**Special Features:**

Noun: cable assembly, optical simulator (w2b); conductors 1/2, 5/6 = m27500-16tg2t14; conductors 3/4 = m27500-20tg2t14; conductors 7, 8, 12 = m27500-20tg1t14; conductors 9, 11 = m22759/18-16-9; conductors 10, 13, 14, 15, 16 = m22759/18-20-9; shields are spliced together, terminated at pin l on p1 and p2; 2 ea ms3180-20c connector covers

**Color:**

White 1st position primary insulation first conductorwhite 1st position primary insulation second conductorwhite 1st position primary insulation

**Material Specification:**

Mil-i-23053/1-207-0 military specification 5th material response 4th position sleeve cable

**Surface Treatment:**

Tin core conductor all conductorstin 2nd position shield braid, metallic seventh conductortin 2nd position shield braid, metallic eighth conductortin 2nd position shield braid, metallic first grouptin 2nd position shield braid, metallic second grouptin 2nd position shield braid, metallic third group

**Style Designator:**

Internal angle and internal straight connector

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A077a0

**Mil-std (military Standard):**

Mil-i-23053 spec.