

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

Cross Sectional Shape:

Round

Overall Length:

20.000 feet

Temperature 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 conductor blue single tracer third conductor blue single tracer fifth conductor

Strand Quantity Per Conductor:

19 all conductors

Conductor Form:

Stranded all conductors

Round Conductor Size:

16 awg 1st conductor 16 awg 2nd conductor 20 awg 3rd conductor 20 awg 4th conductor 16 awg 5th conductor 16 awg 6th conductor 20 awg 7th conductor 20 awg 8th conductor 16 awg 9th conductor 20 awg 10th conductor

Strand Awg Size Per Conductor:

29 1st conductor 29 2nd conductor 32 3rd conductor 32 4th conductor 29 5th conductor 29 6th conductor 32 7th conductor 32 8th conductor 29 9th conductor 32 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 group 1 twisted pair second group 1 twisted pair third group

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

Voltage Rating:

600.0 root mean square (rms) operating voltage all conductors

Terminal Manufacturer Identifying Reference Number:

Ms3476l20-16p 1st end all conductors ms3476l20-16s 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 conductor white 1st position primary insulation second conductor white 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 conductor tin 2nd position shield braid, metallic seventh conductor tin 2nd position shield braid, metallic eighth conductor tin 2nd position shield braid, metallic first group tin 2nd position shield braid, metallic second group tin 2nd position shield braid, metallic third group

Style Designator:

Internal angle and internal straight connector

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A077a0

Mil-std (military Standard):

Mil-i-23053 spec.