

View Online at <https://aerobasegroup.com/nsn/5995-01-521-8630>

End Application:

Missile, patriot

Center To Center Distance Between Terminal Holes:

0.100 inches

Termination Type:

Connector receptacle both ends all conductors

Conductor Quantity:

25

Conductor Form:

Solid all conductors

Product Name:

Cable assembly tlc 50 ohm

Round Conductor Size:

30 awg all conductors

Conductor Arrangement And Quantity:

25 molded

Special Features:

Housing contains standard pressure copper alloy receptacle contacts plated w/ 0.000030 min inch thick gold over 0.000050 min inch thick nickel in mating area; p2 connector must mate and latch to amp part no 1-102158-0; p1 and p2 connector housing shall be thermoplastic; housing is 50 position header; pull tabs shall be provided; cable shall be 50 ohm transmission line cable; 25 signal conductors 30 awg silver plated copper; 50 grnd conductors 32 awg silver plated copper; 50 +-5 ohm impedance; 28 pico-farads per foot capacitance; 14 nano seconds per foot propagation delay; pin 1 shall be clearly marked on p1 and p2; resistance of cable assembly shall be less than .21 ohms for signal conductors and less than .18 ohms for grnd conductors; cable assemblies shall be able to withstand 300 vdc between any adjacent signal and/or grnd paths; impedance of cable assembly shall be 50 +-5 ohms

Material:

Copper core conductor all conductors

Precious Material And Location:

All connectors plated with .000030 min thick gold gold and all conductors plated with silver silver

Precious Material:

Gold and silver

Surface Treatment:

Silver core conductor all conductors

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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