

View Online at <https://aerobasegroup.com/nsn/5995-01-521-9009>

End Application:

Patriot missile

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 with .000030 inch min thick gold over .000050 inch min thick nickel in mating area; p2 conn must mate and latch to amp part no 1-102158-0; p1 and p2 conn housing shall be thermoplastic 50 position header; pull tabs shall be furnished; cable shall be 50 ohm line transmission cable w/ 25 signal conds 30 qwg silver plated copper, 50 grnd conds 32 awg silver plated copper; 50 +-5 ohms impedance; 28 pico-farads per foot capacitance; 14 nanosecond per foot propagation delay; cable assembly resistance shall be less than .21 ohms for signal conds and less than .18 ohms for grnd conds; cable assemblies shall be able to withstand 300vdc 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 conductors silver plated 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:

Yes - demil/mli

Fiig:

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