

View Online at <https://aerobasegroup.com/nsn/5995-01-521-9039>

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 connector must mate and latch to amp part no 1-102158-0; p1 and p2 housing shall be thermoplastic 50 position header; pull tabs shall be provided; cable shall be 50 ohm transmission line cable w/ 25 signal conds 30 awg silver plated copper 50 grnd conds 32 awg silver plated copper; impedance 50 +-5 ohms; 28 pico-farads per foot capacitance; 14 nanosecondsper foot propagation delay; pin 1 shall be clearly identified on p1 and p2; 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 and silver core conductor all conductors

Precious Material And Location:

All conductors silver plated silver

Precious Material:

Gold and silver

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fiig:

A077a0