## NSN 5995-01-521-9009

Electrical Ribbon Cable Assembly - Page 1 of 1



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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; cabkle 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:
Demilitarization:
Yes - demil/mli
Fiig:
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