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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 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:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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