SALIENT CHARACTERISTICS

CABLE CONDUIT (P/N: 13645752-001)

1. GOVERNMENT NEEDS: A Cable Conduit that conforms to the drawing.

2. SPECIFICATIONS: End fitting shall be compatible with connector D38999/26KJ4SN. Connector interface shall be in accordance with SAE AS80549 Figure 4. Shell size 36. Connector adapter shall be electrically bonded to conduit. O-Ring material shall be EPDM. Jacket material shall be EPDM or high-performance silicone elastomer in accordance with Glenair Duralectric Technical spec. Conduit assembly shall be constructed per A-A-52440 Type I grade B with brass convoluted tube covered with bronze braid with an outer jacket.

For P1: Adapters, ferrules, and coupling nuts shall be 6061-T6 aluminum alloy plated with electroless nickel in accordance with AMS-C-26074 grade B class 4 followed by cadmium plating in accordance with AMS-QQ-P-416 type II class 2 with chromic acid passivation using olive drab chromate. Finished items shall meet the workmanship requirements of AMS-QQ-P-416.

For P2 & P3: Adapters, ferrules, and coupling nuts shall be stainless steel passivated in accordance with SAE-AMS2700 method I, class 2, type 6. Finished items shall meet the surface appearance requirements of SAW-AMS2700. Conduit assembly shall include mechanical features to electrically terminate internal shields to connector adapter by utilizing the banding system. Shield termination feature shall allow assembly and disassembly without damaging internal shield braid.

3. Options: All threaded joints shall have an anti-decoupling device (Self-locking feature). Lockwires or set screws shall not be used for this purpose.

4. PRESERVATION, PACKAGING AND DELIVERY: The contractor shall utilize standard commercial methods for preservation and packaging appropriate for the provided equipment and acceptable to commercial carriers. As a minimum, all areas susceptible to damage from exposure to the elements shall be preserved and/or packed to prevent damage. The contractor shall be responsible for ensuring the equipment is delivered to LEAD in good condition.

5. INSPECTION AND ACCEPTANCE: The equipment provided shall be examined for design, functionality, construction, materials, components, and workmanship to determine compliance with the contract and this specification. Any deviation from these requirements shall be cause for rejection.