

MIL-STD-1553B DATA BUS HARNESS/NETWORKS

Compupower can supply MIL-STD-1553B Harnesses/Networks as per customer requirements with different cable lengths and various types of connectors.

Couplers can be ordered with custom cable lengths and a variety of connectors for direct installation on any system. Using In-line Couplers in Harness/Network reduces the number of connectors which significantly improves the reliability.

Benefits:

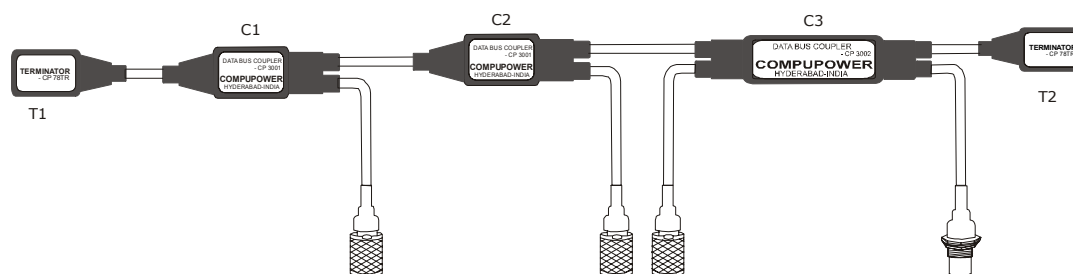
- ❖ Hi-reliability
- ❖ Low cost
- ❖ Eliminates installation wiring errors
- ❖ Fully tested
- ❖ Fast delivery

The MIL-STD-1553B Data Bus Networks shall consist the following:

Components selection:

1. The Network shall be fabricated using qualified and type approved Data Bus Couplers (CP 3001 and CP 3002) as per the requirements of MIL-STD-1553.
2. Raychem (10614-9 twinax) or MIL-C-17/176-00002 cable shall be used in the fabrication of Networks as per the customer requirement.
3. Raychem connectors (DK 621 series) shall be used for Stub/LRU connections as per the customer requirement.
4. The Networks shall be supplied with proper color coding for identification. The stubs/LRUs shall be marked with proper labels.

All Networks are fully subjected to Thermal cycling, Burn In and tested for continuity, insulation resistance, Dielectric withstanding voltage and signal integrity.



NOTE1: CABLE: RAYCHEM 10614-9/MIL-C-17/176-00002
C1, C2: CP 3001 SINGLE STUB IN-LINE COUPLER
C3: CP 3002 DUAL STUB IN-LINE COUPLER
T1, T2 : CP 78TR MOULDED TERMINATOR

NOTE2: CABLE LENGTHS, CONNECTOR TYPES, COLOR CODE:
AS PER THE CUSTOMER REQUIREMENT



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