

PRODUCT BULLETIN

PIC T69654

TTP/ASCB DATA BUS/CAN BUS* 1 PAIR CABLE

CABLE CONSTRUCTION

1. Extruded Fluoropolymer Jacket (White)
2. Tinned Copper Braid Shield
3. Extruded PTFE Insulation
4. Silver-Plated Copper Alloy Conductors

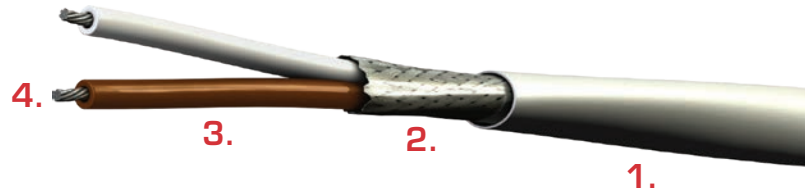
COLOR CODES

White, Brown

This cable is a 125 ohm data bus cable approved and recommended by the Honeywell Commercial Flight Systems Group. It is an approved cable for the ASCB Data bus and Servo CAN Bus for the Primus EPIC/APEX Integrated Avionics system.

T69654 is a primary data interface for the Honeywell/Sperry SPZ-8000 DAFCS which includes EFIS, AHRS and DADC. It is also used for CAN Bus communication for the Honeywell/Sperry Primus II Radio System.

T69654 is Skydrol resistant, RoHS compliant and passes the FAA flammability requirements of FAR Part 23 and 25, Appendix F. Test results are available upon request.



PHYSICAL DATA

- Conductors 24 AWG Stranded SPCA High Strength Copper Alloy
- Shield Coverage 90% (Braid)
- Operating Temperature -50° to +150°C
- Outer Diameter: in (mm) 0.19 (4.83)
- Minimum Bend Radius (in.) 1.00 (25.40)
- Weight: lbs/100 ft (kg/100 m) 2.2 (3.3)

ELECTRICAL DATA

- Impedance: ohms 125
- Capacitance: pF/ft (m) 12.0 (39.4)
- Velocity of Propagation: % 70.0
- Dielectric Voltage Rating (kV RMS) 1.5
- DC Resistance: ohms/1000 ft (m) Max 28.4 (93.2)

All values nominal unless otherwise noted

*Time Trigger Protocol
Avionic Standard Communication Bus
Controller Area Network Bus