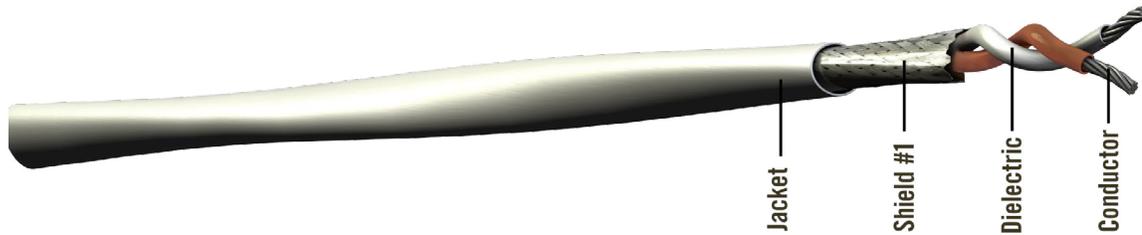


T69654



CABLE CONSTRUCTION

- Conductor:** Silver-Plated High Strength Copper Alloy
- Dielectric:** PTFE
- Shield #1:** Tin-Plated Copper Braid
- Jacket:** FEP, White

COLOR CODES

- Pair #1:** White, Brown

The T69654 cable is a 125 ohm DataBus cable approved and recommended by the Honeywell Commercial Flight Systems Group. It is an approved cable for the ASCB DataBus 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.

PHYSICAL DATA

Conductor:	24 AWG Stranded SPHSCA
Shield Coverage:	90% (Min)
Temperature Range:	-55° to +150°C
Outer Diameter: in (mm)	0.187 (4.75)
Minimum Bend Radius: in (mm)	1 (25.4)
Weight: lbs/100 ft (kg/100 m)	2.2 (3.3)

ELECTRICAL DATA

Impedance:	125 ohms
Capacitance: pF/ft (m)	12 (39.4)
Velocity of Propagation:	70%
DC Resistance: ohms/1000 ft (m)	28.4 (93.2)
Dielectric Voltage Rating: (kV (rms))	1.5

ENVIRONMENTAL DATA

- Skydrol Resistant:** SAE AS4373E, Method 601
- RoHS Compliant:** RoHS Directive 2002/95/EC)
- Flame / Smoke Requirements:** FAR Part 25.869 (a) App. F, Part 1, (a)(3)
- Berry Specialty Metals Compliance:** Complies with DFARS 252.225-7014, Alt 1

All values nominal, unless otherwise noted

T69654 125 OHM DATABUS CABLE

