

# PRODUCT BULLETIN

# PIC D620222

## 70 OHM CONTROLLED IMPEDANCE CABLE

### CABLE CONSTRUCTION

1. ETFE Insulation (White) Laser Markable
2. Tin-Plated Copper Shield
3. ETFE Insulation
4. Tin-Plated Copper Conductor

### COLOR CODES

White, Blue

This special cable is designed for use in ARINC 429 data bus systems. This cable has been designed with a high temp, laser-markable white ETFE jacket which saves time, eliminating the need to label the cable every 6 inches or so as required by numerous cabling standards.

D620222 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 22 AWG Stranded TC
- Shield Coverage 95% Min.
- Operating Temperature -55° to +150°C
- Outer Diameter: in (mm) 0.16 (4.06)
- Minimum Bend Radius (in.) 0.80 (20.32)
- Weight: lbs/100 ft (kg/100 m) 2.0 (3.0)

### ELECTRICAL DATA

- Impedance: ohms 70
- Capacitance: pF/ft (m) 24.0 (78.7)
- Velocity of Propagation: % 70.0
- Dielectric Voltage Rating (kV RMS) 1.5
- DC Resistance: ohms/1000 ft (m) Max 15.8 (51.8)
- Attenuation: dB/100 ft (m) @ 1 MHz Max 1.2 (3.9)

*All values nominal unless otherwise noted*