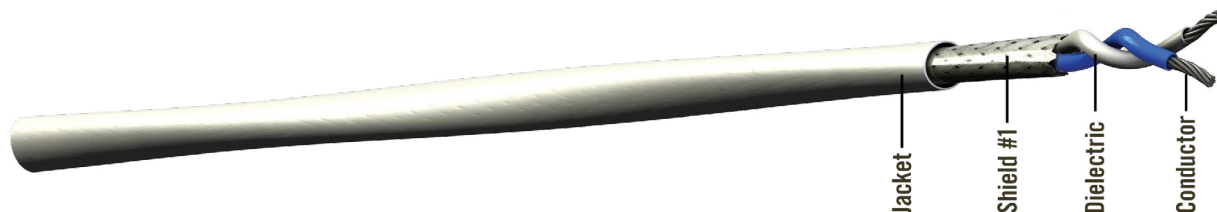


D620222



CABLE CONSTRUCTION

Conductor: Tin-Plated Copper
Dielectric: ETFE
Shield #1: Tin-Plated Copper Braid
Jacket: ETFE, White (Laser Markable)

COLOR CODES

Pair #1: White, Blue

D620222 is a 70 Ohm specially designed cable for ARINC 429 DataBus systems. D620222 has been designed with a high temperature, 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.

PHYSICAL DATA

| | |
|--------------------------------------|---------------------|
| Conductor: | 22 AWG Stranded TPC |
| Shield Coverage: | 95% Min. |
| Temperature Range: | -55° to +150°C |
| Outer Diameter: in (mm) | 0.16 (4.06) |
| Minimum Bend Radius: in (mm) | 0.8 (20.32) |
| Weight: lbs/100 ft (kg/100 m) | 2.0 (3.0) |

ELECTRICAL DATA

| | |
|--|-------------|
| Impedance: | 70 ohms |
| Capacitance: pF/ft (m) | 24 (78.7) |
| Velocity of Propagation: | 70% |
| DC Resistance: ohms/1000 ft (m) | 15.8 (51.8) |
| 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

ATTENUATION DATA

| Frequency | Nom / Max dB/100 ft (m) |
|-----------|----------------------------|
| @1 MHz | 0.8 (1.2) |

All values nominal, unless otherwise noted

D620222 DATABUS CABLE

