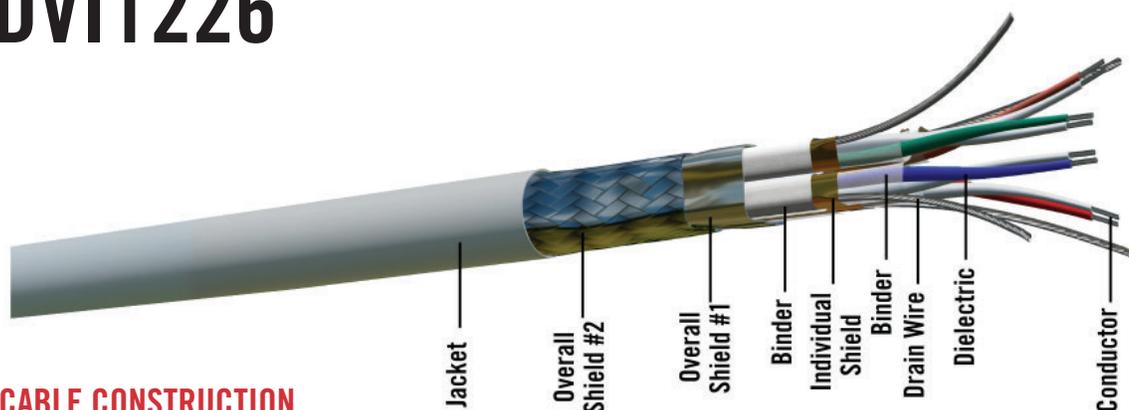


DVI1226



CABLE CONSTRUCTION

Data Pairs:

- Conductor:** Silver-Plated HS Copper Alloy
- Insulation:** Solid PTFE
- Binder:** PTFE Tape (each pair)
- Drain Wire:** Silver Plated HS Copper Alloy (each pair)
- Shield:** Aluminum/Polyester (each pair)
- Binder:** PTFE Tape

Overall Cable:

- Overall Shield #1:** Aluminum/Polyester Foil
- Overall Shield #2:** Round Silver Plated Copper
- Jacket:** ETFE, White (Laser Markable)

COLOR CODES

- Pair #1:** White, Blue
- Pair #2:** White, Orange
- Pair #3:** White, Green
- Pair #4:** White, Brown

PIC's aerospace-grade DVI1226 cable is engineered for demanding airborne applications, utilizing stranded high strength silver plated copper 26 AWG conductors. Each individual signal pair is shielded and features a dedicated drain wire for minimizing EMI and crosstalk in aircraft systems. The cable's robust construction includes a laser-markable jacket, allowing for identification and traceability. The conductors are designed for high-flexibility and durability according to ASTM B624 specifications. This cable is ideal for displays in the flight deck, in-flight entertainment, and other aerospace applications where reliable, high-resolution video transmission is essential.

PHYSICAL DATA

- Conductor:** 26 AWG Stranded SPHSCA
- Temperature Range:** -55° to +200°C
- Outer Diameter:** in (mm) 0.265 (6.73)
- Minimum Bend Radius:** in (mm) 1.3 (33.02)
- Weight:** lbs/100 ft (kg/100 m) 4.7 (7.0)
- Conductor Tensile Strength:** 14.2 lbs min per ASTM B624 (MIL-W-22759)

ELECTRICAL DATA

- Impedance:** 100 ± 10 Ohms
- Conductor DC Resistance:** 44.8 Ohms
- Dielectric Withstanding Voltage:** 1.5 kV (rms)
- Max Distance:** ft (m) 20 (6.1)

ENVIRONMENTAL DATA

- RoHS Compliant:** Complies with RoHS 3 (2015/863)
- Flame / Smoke Requirements:** Per FAR 25.869 (a) App F, Part I, (a)(3)
- Fluid Resistance:** Conforms to SAE AS4373E, Method 601
- Berry Specialty Metals Compliance:** Complies with DFARS 252.225-7014 Alt 1

ATTENUATION DATA

Frequency (MHz)	dB/ft (max)	dB/m (max)
@825	0.305	1.0

All values nominal, unless otherwise noted

DVI1226 DIGITAL VIDEO INTERFACE CABLE