

CABLE CONSTRUCTION

1. PTFE Tape Jacket (Laser Markable)
2. Silver-Plated Copper Braided Shield
3. Aluminum/Polyimide Foil Shields
4. High Temp Fluoropolymer
5. Silver-Plated High Strength Copper Alloy Conductors
6. Drain Wire

COLOR CODES

Twisted Data Pair: White, Green
 Shielded Data Pair #1: Violet, Orange
 Shielded Data Pair #1: Yellow, Blue
 Power Wires: Red, Black

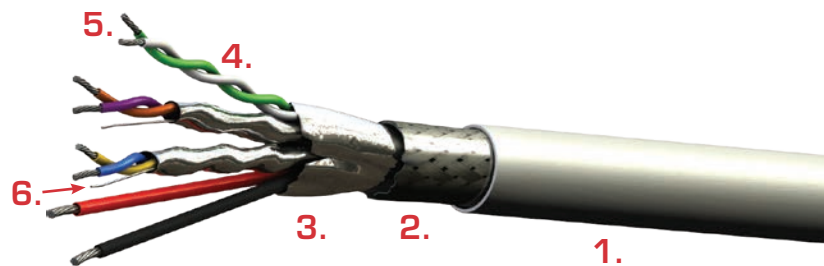
This SuperSpeedPlus (SSP) high speed data cable can be used for high resolution video and also larger, faster storage solutions that require USB 3.1 or 3.0 compliant cables.

USB3-2624 will perform as a USB 3.1 & USB 3.0 cable solution and is backwards compatible for USB 2.0.

This cable is compliant with the Universal Serial Bus Specification 3.1 and can be used for 10 Gbps applications.

USB3-2624 is Skydrol resistant, RoHS compliant and meets the FAA flammability requirements of FAR part 23 and 25.

Contact PIC Wire & Cable for connector availability and to inquire about pre-assembled, tested cable assemblies.



PHYSICAL DATA

- Conductors
 - Data Pairs 26 AWG Stranded SPCA
 - Power Wires 24 AWG Stranded SPCA
 - Drain Wire 28 AWG Stranded SPC
- Shield Coverage 100% (Foil), 80% (Braid)
- Operating Temperature -55° to +200°C
- Outer Diameter: in (mm) 0.20 (5.08)
- Minimum Bend Radius: in (mm) 2.00 (50.80)
- Weight: lbs/100 ft (kg/100 m) 3.4 (5.1)

ELECTRICAL DATA

Data pair (USB 2.0)

- Impedance: ohms 90
- Time Delay: ns/ft (m) 1.46 (4.79)
- Capacitance: pF/ft (m)
 - Cond. to Cond. 16.70 (55.0)
- Attenuation: dB/100 ft (m) Max
 - @ 400 MHz 0.75 (2.46)

Data pair (SDP's)

- Impedance: ohms 90
- Time Delay: ns/ft (m) 1.25 (4.10)
- Capacitance: pF/ft (m) 15.24 (50.00)
- Attenuation: dB/100 ft (m) Max
 - @ 625 MHz 1.07 (3.51)
 - @ 1.25 GHz 1.52 (4.99)
 - @ 2.50 GHz 2.24 (7.35)
 - @ 5.00 GHz 3.38 (11.09)
 - @ 7.50 GHz 4.60 (15.09)

All values nominal unless otherwise noted