

SpeedLine™

Controlled-Impedance Cables

Glenair supplies a wide range of high-speed controlled impedance cabling for use with El Ochito®, VersaLink™, SpeedMaster™, and other of our shielded high-speed connector and contact technologies. High flexibility and high-density reduced-weight cable designs are a specialty. Glenair offers turnkey Cat 8 Ethernet, SuperSpeed USB 3.0, HDMI, SATA, and other solutions for today's most mission-critical application platforms.

Glenair SpeedLine cables are optimized for signal integrity, weight savings, flexibility, and durability. In addition, these aerospace and space-grade cables have been optimized for ease of termination and across-the-board compatibility with our broad range of high-speed contact modules and connectors.

- Cat 8 Ethernet, SuperSpeed USB 3.0, HDMI, SATA, and other solutions for mission-critical applications
- Individual foil shielding around each data pair for reduced crosstalk and attenuation
- Up to 200°C high-temperature-rated cable
- Skydrol resistant, RoHS compliant versions
- Ethernet versions meet ANSI/TIA 568-C.2 Category 6A requirement up to 262 feet/80 meters
- SuperSpeed USB pairs with industry-leading low attenuation
- LSZH jacketing options including Duraelectric and polyurethane



SpeedLine™ high-speed protocol cables: shielded differential data-pair cables for high-datarate Ethernet, USB, SATA, PCIe, DisplayPort, and HDMI protocols



SpeedLine cables are selected for protocol compliance in accordance with industry standards for Ethernet, USB, and SATA/eSATA and other popular high-speed specifications. Without exception, the cables have been designed and fabricated to optimize flexibility, weight reduction, ruggedness, and insulator quality. Each cable is offered with specific guidance as to shielding properties, impedance performance, attenuation, temperature rating, bend radius, weight, and maximum practical transmission distance. Signal integrity and S-parameter test results are available for Glenair cable, contact, and connector combinations.

HIGH-SPEED SpeedLine Controlled-Impedance Cable

High-performance · high-availability



SPEEDLINE

963-066 -24, -26, and -28

100 OHM TWISTED PAIR SHIELDED CABLE FOR EL OCHITO® WHITE / SPEEDMASTER CONNECTORS

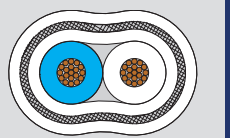
- Performance up to Cat 8 Ethernet
- -65°C to +200°C
- FEP jacket, FEP insulation
- Dual shields: aluminized polyimide tape and metallic braid



963-073 -24, -26, 28, and -30

100 OHM TWISTED PAIR SHIELDED CABLE FOR GENERAL IMPEDANCE-CONTROLLED APPLICATIONS

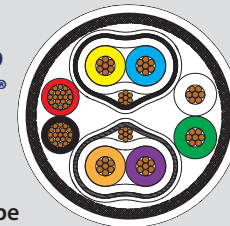
- Performance up to 2 GHz
- -65°C to +200°C
- FEP jacket, FEP insulation
- Silver-plated alloy conductors



963-077-26

90 OHM TWISTED PAIR SHIELDED CABLE FOR USE WITH EL OCHITO® BLUE CONNECTORS

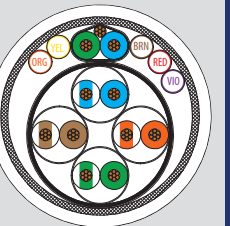
- -65°C to +200°C
- FEP jacket, FEP insulation
- Dual shields: aluminized polyimide tape and silver-plated copper braid



963-127

100 OHM TWISTED PAIR SHIELDED CABLE FOR EL OCHITO® RED CONNECTORS

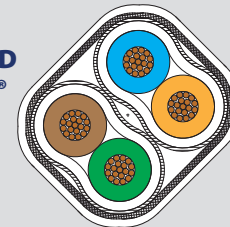
- -65°C to +200°C
- PFA jacket, PFA insulation
- Dual shields: aluminized polyimide tape and silver-plated copper braid



963-072-24

100 OHM TWISTED PAIR SHIELDED CABLE FOR USE WITH EL OCHITO® RED CONNECTORS

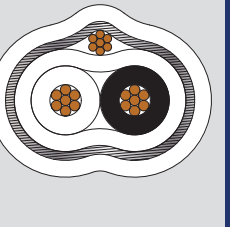
- -65°C to +200°C
- FEP jacket, FEP insulation
- Dual shields: aluminized polyimide tape and silver-plated copper braid



963-057-28

100 OHM TWISTED PAIR SHIELDED CABLE FOR USE WITH MICRO-D HIGH-SPEED CONNECTORS

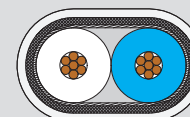
- Performance up to 10 GHz
- -65°C to +200°C
- FEP jacket, FEP insulation
- Shield: aluminized polyimide tape



963-069-26

100 OHM #26 AWG FLAT PAIR SHIELDED CABLE FOR USE WITH VERSALINK™ CONNECTORS

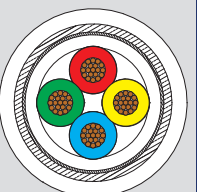
- Performance up to 18 GHz
- -65°C to +200°C
- FEP jacket, FEP insulation
- Dual shields: aluminized polyimide tape and #44 AWG silver-plated copper braid



963-079-24-01

100 OHM #24 AWG DIFFERENTIAL QUADRAx CABLE FOR USE WITH GLENAIR 854-001 AND -002 QUADRAx CONTACTS

- Performance up to 1 GHz
- -65°C to +200°C
- FEP jacket, FEP insulation
- Silver-plated copper braid shield



963-080 -24 and -26

100 OHM TWISTED PAIR SHIELDED CABLE FOR EL OCHITO® RED CONNECTORS

- Performance up to 8 GHz
- -65°C to +200°C
- FEP jacket, FEP insulation
- Dual shields: aluminized polyimide tape and silver-plated copper braid



963-065-30

100 OHM #30 AWG TWISTED PAIR SHIELDED CABLE FOR USE WITH GMMD CONNECTORS

- Performance up to 18 GHz
- -65°C to +200°C
- FEP jacket, FEP insulation
- Dual shields: polyimide and silver-plated copper braid

