

HIGH-SPEED
VERSALINK™
TWINAX CONTACTS
AND CABLES



High-density, high-datarate
twinax contact modules
optimized for Glenair
SpeedLine™ high-speed
cable



High-density VersaLink delivers the fastest speeds and highest data rates available in a rugged twinax contact module

High-speed serial data protocols (USB 3.1 Gen2, USB-C, PCIe, etc.) all have transmission rates in the 10Gb/s+ range for each data pair. In order to provide truly high-speed signal integrity for these bandwidth-dependent protocols, Glenair has invented a new contact technology called VersaLink™ which delivers outstanding impedance matching and cross-talk isolation at both the cable-to-connector interface, as well as between connector and board. VersaLink is a highly-engineered differential twinax contact module available for packaging in Glenair signature circular and rectangular connector formats including MIL-DTL-83513 Micro-D, Series 806 Mil-Aero circular, and Series 794 rectangular. Contact modules are supplied either as discrete crimp contact units for customer termination, or as pre-terminated pigtails and point-to-point jumper cable assemblies. Cables and jumpers utilize Glenair SpeedLine 100 Ohm twisted and parallel pair cabling per customer requirements.

VersaLink: shielded differential twinax interconnect solution

Higher speed and density than mil-spec style twinax solutions up to 28 Gbps

Individually shielded pairs result in virtually zero cross talk

Time saving VersaLink, pin and socket pre-terminated jumpers

Specially designed ultra high-speed cables to compliment contact bandwidth