



VIDEO Copper-to-Fiber Media Converters

Reduced form factor media converters for harsh-environment video applications

Glenair Copper-to-Fiber-Optic Video Media Converters enable extended link distances, improved EMI and security in harsh environments and provide solutions for both MMF and SMF applications. These media converters support ruggedized military systems applications and are tailored to support a variety of Video protocols including DVI, HDMI, SMPTE (SDI, HD-SDI and 3G-SDI), ARINC 818 and more. Many options for mil-spec and military-grade electrical and fiber optic connectors are available. Contact Glenair for custom configurations, application-specific designs and engineering services.



- Fiber Link 500m with MMF
- Fiber Link 10km with SMF
- 38999 with MIL-STD-1560 and custom contact arrangements—including quadrax and coaxial contact options
- Mighty Mouse electrical and fiber optic connectors
- Fiber Optic connectors including D38999, M28876, GHD, NGCON (M64266), HMA (M83526), and GFOCA
- Power supply functions with wide input-voltage ranges
- DVI, HDMI, SMPTE, ARINC 818
- Advanced monitor & control functions via serial interface to facilitate network management and BIT

Copper-to-Fiber Media Converters for Video Applications

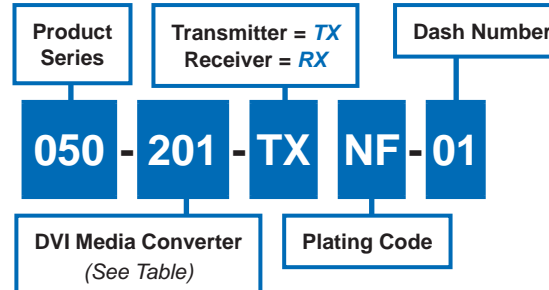
PRODUCT SELECTION GUIDE



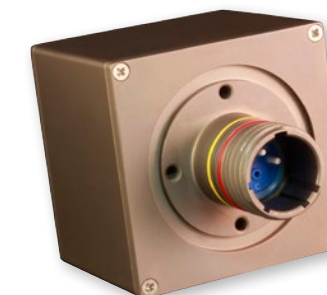
visit glenair.com for detailed product datasheets

MIL-DTL-38999 SERIES III TYPE DVI VIDEO MEDIA CONVERTER

How To Order



ENVIRONMENTAL PERFORMANCE



- -40°C to +85°C operating temperature range
- Meets MIL-STD-810 Mechanical Shock and Vibration
- Meets MIL-STD-1344 immersion resistance

Video Media Converter Selection Guide		
	050-201	DVI Copper-to-Fiber Media Converter
	050-203	DVI Copper-to-4-Fiber, VCSEL, DO160 Lightning Strike level 3 and "dirty" 28V power
	050-206	4 Channel SMPTE HD-SDI & 3G-SDI Transmitter or Receiver
	050-204	4 Channel 3G-SDI MMF TX and 3G-SDI MMF RX, GHD Fiber, Mighty Mouse (Coax and Power).
	050-205	DVI Copper-to-Fiber Media Converter, Inline

VIDEO MEDIA CONVERTER FUNCTIONAL BLOCK DIAGRAM

