Wire and Cable

M22759 Single-Ended Wire

- Commonly used Mil-spec stranded wire

- More than 60 variants

- These are the 'ingredients' of our multi-conductor cables

Glenair.

Aerospace-Grade Quadrax Cable

- Four parallel conductors – 22 through 26 AWG

- 100Base-T Ethernet applications

- Used with Glenair 854-XXX series of Quadrax contacts
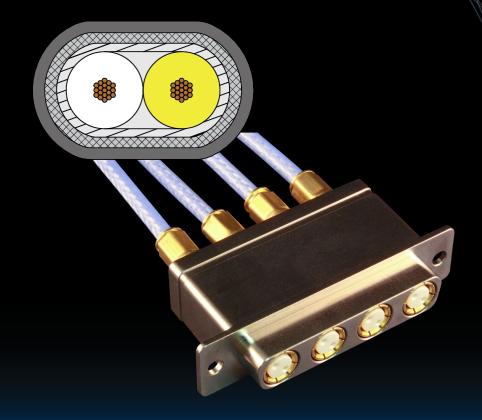
Coaxial Cable

- Mil spec (RG- and M17-) coaxial cables for M39029 contacts
  - Commonly applied 50 and 75 ohm versions
  - Fit most M39029 and equivalent contacts

- High Performance semi-rigid coax for high GHz (>10 GHz) applications (e.g. Tflex 402)
  - Much higher frequency range (10 GHz and beyond)
  - Used with custom spring-loaded contacts
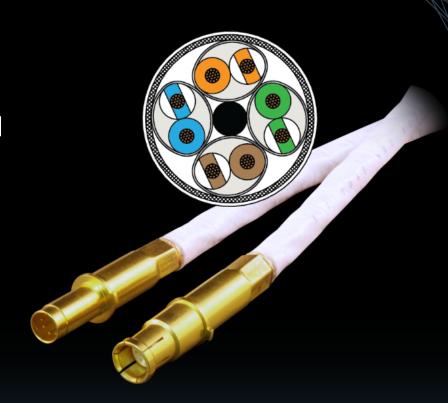
Matched-Impedance Twisted-Pair Cable

- 100 Ohm differential parallel pair data cable
- Used with Glenair Ultra-Twinax contacts

Aerospace-Grade 10G Ethernet Cable

- For El Ochito™ Ethernet contacts
- S/FTP 26 AWG cable with individual foil shields around each data pair for reduced crosstalk and attenuation
- High data rate Ethernet cable with unique cable jacket material and high-density construction for reduced weight and diameter
- Meets ANSI/TIA 568-C.2 Cat 6a requirements up to 65 meters

TurboFlex™ Ultra-Flexible High Power Cable

- Extremely flexible
- Jacketed with Glenair Duralectric™
- 16 AWG to 450 MCM
- -60° to +260° C
- Abrasion resistant
- Standard and custom colors available

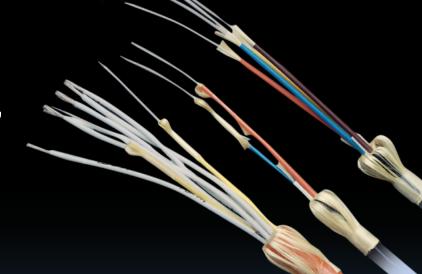*Glenair.*

TurboFlex™
Ultra flexible rope-lay construction

- Many small, flexible strands
- M22759/11-8 = 133 x 29 AWG
- TurboFlex 8 AWG = 665 x 36 AWG
- Special twisting
- Silicone-based Duralectric™ jacket

Optical Fiber

- Bulk simplex fiber optic cable
- Singlemode stepped index, mulitimode graded index, and ETFE jacketed options
- No minimums, high availability, fast turnaround

Glenair.

Protocol Specific Cable

- Selected by user-defined protocol
  - Ethernet, USB, FireWire
- Environmentally and electrically hardened compared to commercially available equivalents
  - High-temperature jacket
  - Superior braid coverage
- Proven performance in many high-speed Mighty Mouse applications
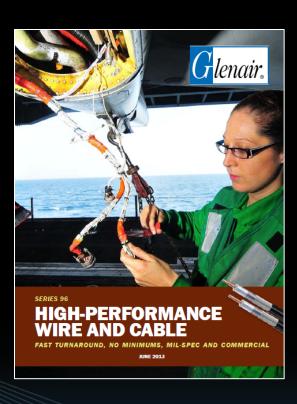
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Custom Cable

- Bespoke cable available by the foot
- Any size, quantity, or application
- Dedicated engineering resources
- Custom cable requirement checklist:
  - How many conductors?
  - What AWG and plating?
  - How much EMI shielding is required?
  - Temperature rating and working environment?

Wire and Cable Documentation

- Print and online catalog
- Includes:
  - Glenair's complete wire and cable product offering
  - Compatible contacts
  - Connector recommendations

The widest range of
mission-critical interconnect
technologies in the world

GLENAIR TURBOFL

Wire and Cable