Glenair unmanaged harsh-environment Ethernet switches are layer 2 switches with Auto negotiation and Auto MDI / MDIX circuitry that enables port expansion with IEEE-802.3U 10/100/1000Base-T Ethernet ports. Electronics are incorporated into a ruggedized panel-mountable housing sealed against liquid and solid contaminants.

- Unmanaged—plug and play operation—no configuration required
- Jumbo frame support in all speeds (10/100/1000 Mbps)
- Operating temperature range: -40°C to +85°C
- Standard ultraminiature Mighty Mouse electrical and M28876 type fiber optic connector interfaces
- Breakout cables with industry-standard connector interfaces available

Data cables, power cables, and breakout cables with EMI/RFI banding and strain relief backshells are available for all ruggedized Ethernet switches.
RUGGEDIZED
Small Form-Factor Electrical and Hybrid Opto-Electrical Ethernet Switches
Block diagram and product selection guide

ETHERNET SWITCH EXAMPLE BLOCK DIAGRAM

- **5-Port Smart Ethernet Switch (Customer Configurable via USB 2.0)**
  - 2 Electrical Ports & 3 Fiber optic Ports
  - 10/100/1000BASE-T, 1000BASE-SX, 1000BASE-LX, 100BASE-FX
  - 28VDC (DO-160 Audio Conducted Susceptibility Cat Z), Lightning Strike (DO-160 level 3 waveform 3/3)

- **6-Port Smart Ethernet Switch (Customer Configurable via USB 2.0 Command Line Interface)**
  - 4 Electrical Ports: 10/100BASE-T & 2 Fiber optic Ports (customer selectable): 100BASE-FX, 1000BASE-SX, 1000BASE-LX
  - 28VDC (DO-160 Audio Conducted Susceptibility Cat Z), Lightning Strike (DO-160 level 3 waveform 3/3)

- **4-Port Ethernet Switch: 2 Electrical Ports & 2 Fiber optic Ports**
  - Panel Mount, 10/100/1000BASE-T, 1000BASE-SX/LS/FX

- **7-Port Unmanaged Ethernet Switch 10/100/1000 BASE-T**
  - With Series 805 Mighty Mouse Connector