



# Series 80 Mighty Mouse

## Cordset Connector Order Guide



**100BASE-T Cordset  
with 4 Pin Series 800 Connector**

Upgrade commercial high-speed serial interconnects to mil-spec performance. Glenair Mighty Mouse cordsets are available for 100BASE-T, Gigabit Ethernet, IEE 1394, and USB 2.0 applications. These cordsets combine aerospace-grade data cables with Series 80 Mighty Mouse harsh environment connectors for maximum performance and minimum size.

**Three strain relief options** – Standard overmolded cables offer excellent strain-relief and cable sealing. Or, choose heatshrink boots for smallest form factor. If repairability and ruggedness are important, choose machined aluminum EMI backshells.



**FEP jackets** meet FAA flammability requirements. Or, choose **low smoke / zero halogen polyurethane jackets** for mass-transit or shipboard applications.

### Three reasons to specify Glenair Series 80 cordsets

**1 Simplified Ordering:** No need to buy cable, connectors, termination tools, and strain reliefs.

**2 Guaranteed Performance:** All cordsets are 100% electrically tested.

**3 Faster Delivery:** Cable and connector components are in stock.

### How To Order Cordsets

#### Step 1: Select the Connector Series

Table 1 lists the five types of Series 80 connectors. For more information on selecting a connector, please refer to the connector selection chart on the following page. This section does not contain ordering information for series 802 AquaMouse™ cordsets. Please contact Glenair for information on hazardous environment high pressure cables for the 802 Series.

#### Step 2: Select the Cable

Table 2 contains specifications for standard data cables. The cable type also determines the connector layout. **4 pin connectors are used for 4 wire cables, and 10 pin connectors are used for 8 wire cables.**

#### Step 3: Select a Cable Jacket

Table 3 shows available jacket options. Choose FEP fluoro-carbon jackets for airframe and avionics applications, or choose low smoke/zero halogen polyurethane jackets for soldier systems, vehicles, and transit systems.

#### Step 4: Select a Cable-To-Connector Interface

Table 3 provides three ways to attach the cable to the connector:

1. Polyamide boot, overmolded with flexible strain relief
2. Aluminum backshell, shielded, watertight and removable
3. Heat-shrink boot, low smoke/ zero halogen

#### Step 5: Select a Connector Configuration

Table 1 shows connector codes for specifying plug versus receptacle and pin versus socket contacts. Add a plating code, keying option and length.

SERIES 80 MIGHTY MOUSE CORDSETS