



NEXT-GENERATION

SpeedMaster™ 10G

High-speed, repairable IFEC connection system

Newly developed SpeedMaster™ 10G is purpose-designed to meet the performance requirements and installation/use preferences of aerospace industry IFEC manufacturers. Optimized for high-speed Cat 6A Ethernet performance, the SpeedMaster™ 10G system offers industry-leading NEXT, return loss and insertion loss performance due to its highly-engineered isolation and separation architecture. Easy to assemble, terminate, install and repair, the SpeedMaster™ 10G utilizes size #22D contacts, tools, and cable, and meets the broad range of aerospace industry requirements for vibration, temperature cycling, durability, and safety performance.

- Utilizes aerospace industry standard #22D contacts, tools and widely available Ethernet flight cable
- Fast, easy termination
- Significant weight reduction compared to Quadrax solutions (reduces cable requirement by ½)
- High-density, repairable solution—ideally suited for today's networked IFEC environments



Mighty Mouse Locking Push/Pull Plug and Receptacle



HiPer-D Rectangular (M24308)



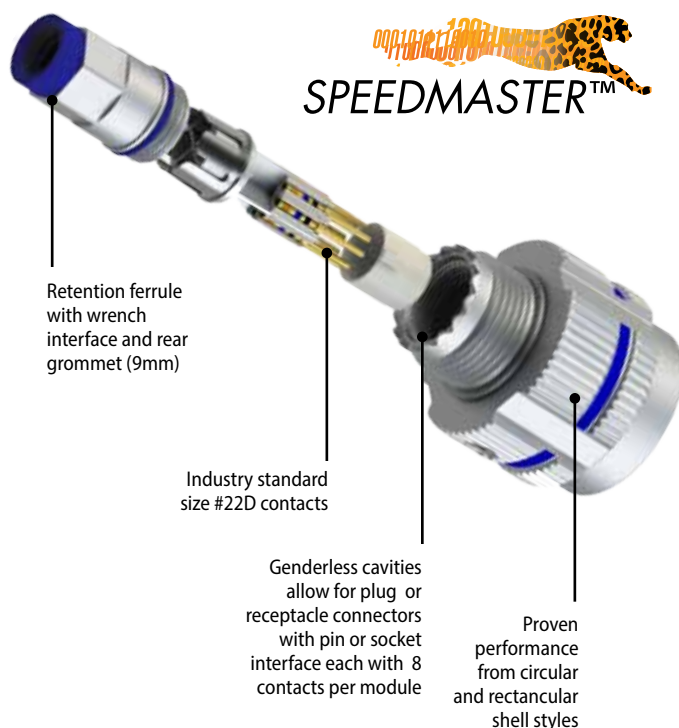
SuperNine® Plug and Receptacle

SERIES 28

Hi-Speed HiPer-D® Connectors



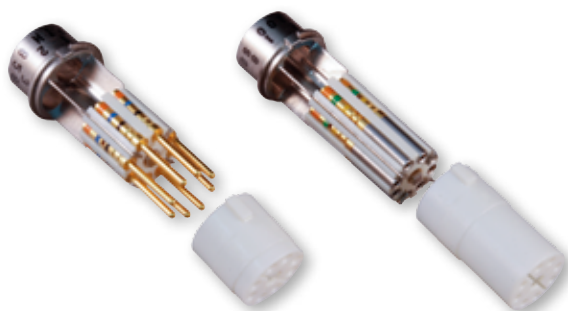
Repairable IFEC 10G Connection System



The SpeedMaster™ Difference

SpeedMaster™ the high-speed multi-contact solution for the Mighty Mouse, HiPer-D, SuperNine 38999 type family of connectors. Each SpeedMaster™ module consists of 4 pairs of pins or sockets incorporating industry standard, size 22D contacts to provide 10G performance. Contacts are crimp terminated for easy replacement. Each module is individually sealed within the shell, and retained in place with a threaded ferrule. Additionally, module cavities are genderless allowing a pin or socket interface for plugs or receptacles. These features result in a two fold benefit. An easily removable and repairable contact makes this high-performance, robust connector an excellent choice for reducing network downtime and improving overall network performance. Additionally Glenair offers this robust connector in 3 connector packages, including our small form factor Mighty Mouse Series 824 Locking Push / Pull, HiPer-D (M24308) rectangular D-Sub, and our 38999 type "better than QPL" connectors allowing you to custom fit your application needs. Meet the demand for next generation IFEC networks with SpeedMaster™, the next generation contact system from Glenair.

SPEEDMASTER™ 10G NEXT-GENERATION IFEC CONNECTION SYSTEM



SpeedMaster™ 10G modular inserts are available for Series 23 SuperNine – 38999, Series 80 Mighty Mouse – Locking Push / Pull and Series 28 HiPer-D – M24308 rectangular D-Sub connectors



The SpeedMaster™ 10G is optimized for high-speed / Ethernet performance and incorporates standard M39029 #22D contacts isolated for superior NEXT, return loss and insertion loss performance