

OPTIMIZED
FOR USE WITH

turboflex
THE ULTRA FLEXIBLE RUGGED POWER CABLE



Super ITS-IFO B Fiber Optic Reverse-Bayonet Connectors



High-speed, high data rate fiber optic connectors for harsh environmental conditions

Glenair Super ITS - IFO B connectors meet the need for high-speed, multi-gigabit data transmission in rugged harsh environments such as armored combat support vehicles, communications shelters and bunkers, military aircraft, harsh wayside rail applications, and more. These optical fiber-equipped interconnects far outstrip the data carrying capacity and speed of conventional copper wire systems. Super ITS - IFO B interconnects pack orders of magnitude more data with almost instantaneous delivery to the user and are immune to all forms of electromagnetic interference.

Glenair Super ITS - IFO B fiber optic connectors are available with 2, 4, 6, or 12 termini configurations. Termini accommodate 9/125 (Singlemode), 50/125 and 62/125 (Multimode) optical fibers with a maximum 1.4dB insertion loss. Backshells and adapters are engineered to minimize bend radius and provide strain relief with design improvements such as integral wire sealing grommets and retractable conduit fittings. Fiber optic cleaning and inspection toolkits as well as fiber optic termination training and certification are also available.

- EMI and spark/arc immunity for high-reliability settings
- 2, 4, 6, or 12 fiber optic termini configurations available
- Termini accommodate 9/125 (Singlemode), 50/125 and 62/125 (Multimode) optical fibers
- Turnkey high-speed fiber optic interconnect cables and harnesses available
- Environmentally sealed (IP67)
- UL94-V0 compliant fiber optic cable
- Integrated optical media alignment grommet

RUGGED REVERSE-BAYONET Super ITS-IFO B Fiber Optic Connectors



Harsh-environment · Singlemode and multimode



SUPER ITS-IFO B FIBER OPTIC CONNECTORS
2-Pole fiber optic, shell size 10SL connector with environmental sealing PHM or Strain Relief PHM backshell



SUPER ITS-IFO B FIBER OPTIC CONNECTORS
4-Pole fiber optic, shell size 16S connector with environmental sealing strain relief backshell and Kevlar fiber retention



SUPER ITS-IFO B FIBER OPTIC CONNECTORS
6-Pole fiber optic, shell size 24 connector with environmental sealing PG backshell for conduit termination or PGSW backshell with strain relief for use with jacketed cables



SUPER ITS-IFO B FIBER OPTIC CONNECTORS
12-Pole fiber optic, shell size 32 fiber optic connector with environmental sealing PG backshell for conduit termination

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