



EXTENDED TEMPERATURE MID-BOARD OPTICAL SYSTEM

FIREFLY™ XT MICRO FLYOVER SYSTEM™

- Extended temperature range from -40 °C to +85 °C for military and industrial applications
- High-speed performance to 10.3125 Gbps per channel
- x12 and x4 transceiver system
- Demonstrated error-free transmission during applied external vibrations and shock test, to methods specified in MIL-STD-810G
- Data "flies" over the board, simplifying board layout and enhancing signal integrity
- Integral heat sink provides optimal cooling for thermal operating conditions
- High-density solution with an extremely small footprint for close proximity to the data source
- MT38999/*MTP®/MPO/ARINC 801/ARIB end options (Other options available. Contact Samtec.)
- Micro rugged board level connector system with positive latching, weld tabs and loading guides for secure connection
- Multi-mode fiber technology
- An angled fiber exit from the housing to minimize keep-out zone on the board

10
Gbps

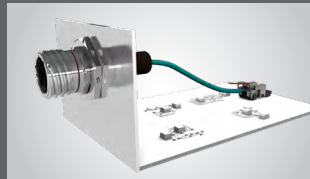
Small footprint to increase density close to the IC

Increased temperature range designed to handle harsh environments

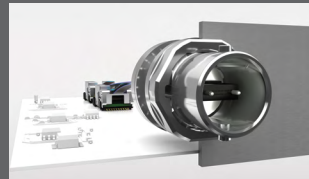
Y cables provide duplex capability

FIREFLY™
Micro Flyover System

END OPTION FLEXIBILITY



Amphenol® MT38999



ARIB



ARINC 801

System

- ETUO – Extended Temperature FireFly™ Optical Flyover™ Cable Assembly
- UCC8 – FireFly™ Positive Latching Receptacle
- UEC5 – FireFly™ Edge Card Socket Assembly

For more information on Samtec's FireFly™ Micro Flyover System™, please visit www.samtec.com/firefly or contact Samtec Optical Group at firefly@samtec.com

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