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## HERCULES® 40 Gb/s Active Optical Modules (AOM)

Hercules AOM is a VITA 76 approved, ANSI ratified connector with the highest bandwidth and density available in the ruggedized market-place. The AOM connector system utilizes the 38999 Ecosystem with enhanced hermaphroditic contacts and is organized in differential pairs delivering 10 Gb/s performance. Unlike other media connectors with slow pin and socket copper interfaces, Hercules AOM is fully functional as a full 40 Gb/s Ethernet module while maintaining its ability to be protocol agnostic.



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## FEATURES

- › Full 40 Gb/s Media Converter for Hercules Size 17
- › 4 Tx – 4 Rx configuration full 40 GigE implementation
- › Protocol agnostic
- › Field replaceable – no ATR or fiber removal required
- › Interfaces to industry standard single bay MT in 38999 Size 11
- › -40°C to +85°C operational range
- › Power supplied through Bulkhead Receptacle

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Meritec's Hercules 38999 is now a VITA76 approved ANSI ratified (High-Performance Cable) Standard



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