

MODEL H-424 ACOUSTO-OPTIC DEFLECTOR (AOD)

The L3Harris Model H-424 AOD utilizes advanced acoustic beamsteering technology to achieve exceptional diffraction efficiency and bandwidth for many solid-state scanning applications. By leveraging coherent transducer acoustic array technology in conjunction with a suitable RF driver, optimal Bragg phase matching conditions may be maintained at all operating frequencies within the specified deflection band.

The H-424 operates with low RF input powers while delivering very high optical efficiency.

As a result, thermal effects are larrt70(7.f94n)-7.7 (5b4.4 (pn-83 (3.3 (m)-2.7 1)5.3 (l)-10 () (a)-7.3 (n)-)-44.5 (y .(p)-III(u)-5.1 (t p)-14.1.1(a)-7p)-14

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MIL-H-424 A - O. D. f. (AOD)

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