

Platform Heritage



High Reliability Components & IMAs

For decades, Renaissance Electronics has supported leading aerospace, defense, maritime, radar, missile, and space programs with high-reliability components and subsystems engineered for demanding environments.

AIRBORNE:

LANTIRN: Ku-Band Isolator
CV-22: Ku-Band Isolator
F-18: X-Band Diplexer (Landing Beacon)
F-16: X-Band Isolator (SABR)
F-35: X-Band Isolator (AESA)
Wedgetail: C-Band Isolator, Coupler, Diplexer, Filter (AESA, AEW&C)
ALA-52B: S-Band Circulator (SARA)
Airbus A320/330/350/380: X-Band Switch (Weather Radar)



MISSILE:

GEM-T: C-Band Attenuator
BGM-71 TOW: C-Band Isolator
PAC3 MRFDL: Ka-Band Isolator (Data Link)
PAC3 Seeker: Ka-Band Diplexer



GROUND-BASED RADAR:

PATRIOT: Electronic Load: L, S, C and X Isolators
TPY-2 THAAD: S/Ku-Band Isolator
QATAR EWR: S/Ku-Band Isolator
3DELRR: C-Band Circulator
AN/TPS-78: X-Band Circulator (Surveillance Radar)
AN/TPS-43: Ka-Band Circulator (Surveillance Radar)
AN/TPS-75: Ka-Band Circulator (Surveillance Radar)
Dark Horse: S/C-Band Isolator, Ku-Band Termination, Switch



MARITIME:

SPY-6: S-Band Circulator
DBR: L-Band Switch Matrix
SM-3 Interceptor: S-Band Isolator
Switch Matrices for: Fast Response Cutter, MUOS Switch Matrix, Collins Class Submarine.
SEWIP AN/SLQ-32: L, X-Band Isolator
AOPS: L, C, Ka-Band Switch Matrix



NEW SPACE:

Falcon series: C-band SMT Circulator - Avionics
DRACO: L-Band Diplexer, Switch
WAAS: L, S, C, X-Band Isolator
Weather SAT: L, S, C, X-Band Isolator
Comm. SAT: X, Ka-Band Isolator
Nav. SAT: L, S, C-Band Power Combiner/Divider
SDA Tranche: X-Band Filter, Isolator with Adapter

