



AFFORDABLE SEEKER GUIDANCE



**TSC's APEX family of seekers has been designed specifically to support affordable engagements for air defense and strike missions.**

These seekers provide target detection, tracking, and guidance in ground, air, and maritime scenarios. By utilizing a software defined backend and designing for affordable mass, APEX Seekers give operators the ability to complete more successful missions with the confidence that comes from a deeper magazine.



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AFFORDABLE SEEKER GUIDANCE

### MULTI-MISSION

- Maritime Engagements
- Ground Engagements
- Airborne Engagements

### MULTI-PLATFORM

- Loitering Munitions
- Attack UAS
- Missiles
- Glide Bombs
- Ground/Air/Ship Launched

## DETERRENCE THROUGH AFFORDABLE MASS

### FEATURES

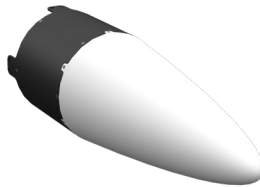
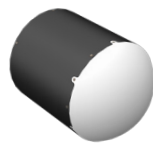
- One solution, many platforms
- Non-gimbaled, rapidly steerable beam
- Scalable Aperture
- Software Defined, Common Backend
- Low Production Cost
- WOSA
- Integrated Fuzing
- Low-Power Mode
- BIT (Power On / Initiated / Continuous)
- In-Flight Calibration
- Multi-Core processing for expanded mission set

### ALGORITHM SUPPORT

- Terminal Guidance
- Guidance Integrated Fuzing
- Doppler Beam Sharpening
- Moving Target Indicator
- Electronic Protection

### OPTIONAL ADD-ONS

- Receive Command Guidance Data Link
- Additional Processing Cores
- Enhanced Cybersecurity



## SPECIFICATIONS

	APEX-5S*	APEX-6S*	APEX-5F*
Platform Diameter	< 5.0"	< 6.0"	< 5.0"
Length	< 5"	< 5"	< 8.0"
Weight	< 4.5 lbs.	< 5.5 lbs.	< 7.5 lbs.
DC Power	300 W	500 W	900 W

\*Not Including Radome

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