DIVERT ATTITUDE CONTROL SYSTEM (DACS)

A solid propellant Divert Attitude Control System (DACS) is a quick reaction propulsion system providing control over positions of missiles, satellites, and spacecraft. Regarding missiles, whether a ballistic measure, counter measure or defensive measure, DACS al lows for interception of its target with greater accuracy and reliability.

APPLICABLE SPECIFICATIONS

Delivered Impulse:	0.0005 N-s to 200 N-s
Thrust:	5 N to 8,000 N
Motor Burn:	100 µsec to 2 Seconds
Impulse Repeatability:	Greater than 2%, 3 Sigma
Ignition Delay:	10 µsec to 500 µsec (Command to 10% Thrust)
Operational Temperature Range:	-65 °F (-53.89 °C) to +200 °F (+93.33 °C)
Operational Acceleration:	>12,500 Gs
BIT Test:	Igniter Integrity, Fire Energy, Arm State and More
System Power:	1 Watt