About dB Control

Established in 1990, dB Control Corp., a subsidiary of HEICO Company, supplies mission-critical, often sole-source, products worldwide to military organizations, major defense contractors and commercial manufacturers. The company designs and manufactures reliable, high-power TWT Amplifiers (TWTAs), microwave power modules (MPMs), transmitters, low- and high-voltage power supplies and modulators for radar, electronic countermeasures (ECM) and communication applications. It also offers specialized RF/microwave components and integrated microwave subsystems. dB Control is AS9100D- and ISO 9001:2015 certified.

About Charter Engineering, Inc.

In August 2022, dB Control Corp. acquired Charter Engineering, Inc. (CEI), a leader in low-intermodulation products and very-high-power RF switches. CEI manufactures a broad range of electromechanical coaxial switches and components operating from DC to 40 GHz for commercial, military, and wireless applications. With more than 50 years of design experience, the company continuously expands its product lines with custom designs for unique customer requirements. In a market crowded with switch manufacturers, CEI is known for its high-quality, competitively priced products that exceed customer expectations.

Coaxial EM & PIN Diode RF/Microwave Switches

Military. Commercial. ATE. Telecommunications.

dB Control a HEICO company Reliability by Design®

www.dBControl.com

CHARTER ENGINEERING, INC. Precision RF Switches a dB Control / HEICO company

www.ceiswitches.com

dB Control a HEICO company Reliability by Design®

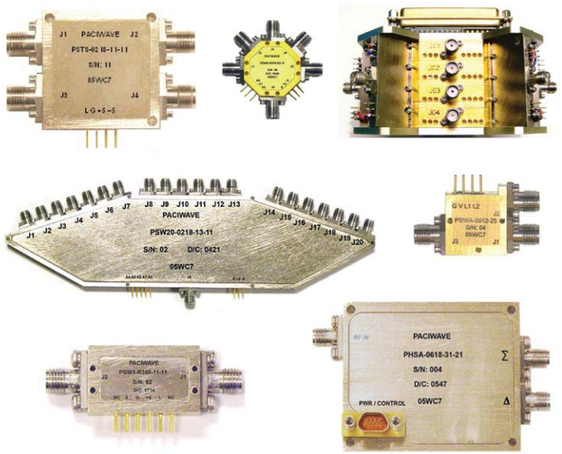
MKT-0759 Rev A

PIN Diode Switches

Custom-tailored to meet your system's key performance parameters. Frequency range from MHz to 40 GHz. Reflective or absorptive designs with options for SPST through SP24T, low loss, high isolation and fast (nano-seconds) switching speed. Resistant to vibration. Small form factor meets tight size and weight requirements.

Manufactured in USA by dB Control. To order or for more information, call 1-510-656-2325 or email info@dbcontrol.com

SCAN ME:PIN523



Meet *dBC+CEI*, your Single Source for RF Coaxial Switches

Electromechanical (EM) and PIN diode coaxial switches are manufactured and assembled using vastly different techniques. You used to have to buy them from two different vendors who specialized in each. Not anymore! ***dBC+CEI*** can save you time and money on PIN Diode and Electromechanical Coaxial Switches for your military and commercial applications.

5 Reasons to Buy Coaxial RF/Microwave Switches from *dBC+CEI*

1. **Save Time.** Ordering is easy. Delivery is fast. And in the future if your needs change from one switch type to another, you won't have to vet a new vendor. We'll already be familiar with your project, your engineering team and your purchasing policies.
2. **Repeatability.** Every ***dBC+CEI*** switch operates within the same precise parameters every cycle.
3. **Reliability.** These high-quality switches are so reliable, they may even outlast your system!
4. **Support.** Our design experience comes in handy for challenging applications, or if you're trying to troubleshoot a thorny issue.
5. **Peace of Mind.** Since 1990, dB Control has supplied mission-critical, often sole-source, products worldwide to military organizations, major defense contractors and commercial manufacturers. Charter Engineering has more than 50 years of design experience with EM switches. As ***dBC+CEI***, they're unbeatable.

Electromechanical Coaxial Switches

Large selection of high-power MIL-standard switches with frequency ranges from DC to 40.0 GHz. Numerous configurations available, including more than 60 series types and variations. All models offer options for high power, low temperature, and low passive intermodulation (PIM). Outstanding quality and customer service.

Manufactured in USA by Charter Engineering. For more information call 1-727-525-1025 or email sales@ceiswitches.com. To order online, visit www.ceiswitches.com

SCAN ME:MPD523

SPDT (Non-Terminated & Terminated)

SMA, 2.92 mm, Type N and Type SC connectors

- DC - 40.0 GHz
- Excellent insertion loss and repeatability
- Internal & external terminations
- Failsafe, latching, and momentary
- Low temperature, high power
- 12 types and mounting variations

B40 SERIES
DC – 40.0 GHz

B5 SERIES
DC – 14.0 GHz

B7 SERIES
DC – 26.5 GHz

DPDT (Transfer Switches)

SMA, 2.92 mm, Type N connectors

- DC - 40.0 GHz
- Failsafe and latching
- With & without bracket
- High power, low temperature
- 5-Port DP3T available

L1 SERIES
DC – 26.5 GHz

L2 SERIES
DC – 14.0 GHz

L40 SERIES
DC – 40.0 GHz

MULTI-POSITION (Non-Terminated & Terminated)

SMA, 2.92 mm, Type N & Type SC connectors

- DC - 40.0 GHz
- 50 series types & variations
- SP3T - SP12T
- Internal and external terminations available
- Failsafe, latching and momentary

S12 SERIES
DC – 15.0 GHz

U6 SERIES
DC – 14.0 GHz

J8 SERIES
DC – 20.0 GHz

5G PERFORMANCE SWITCHES DC - 40 GHz

ITAR

ISO 9001:2015

All manufacturing done in the USA