Historically, radar system designers selected various components from different suppliers without the ability to accommodate how they interact. CPI BMD has a successful history of providing additional functionality to receiver protectors, by integrating passive and active components.

CPI BMD uses both Ferrite Circulator and Balanced Hybrid Duplexing technology to produce a compact, more efficient integrated component, by optimizing performance, reducing development costs and ultimately, providing increased functionality to the end product.

**FEATURES:**
- Provides both a transmit path and a receive path
- The receive path can provide receiver protection and low noise amplification
- Test ports for injection of a signal for Built-in Test (BIT)
- Sample ports to monitor transmit and reflect signals
- Monitors for high reflected power and temperature

**BENEFITS:**
- High power handling
- Low noise figure
- Calibrated couplers
- Variable attenuation
- Excess noise generators for calibration

www.cpii.com/bmd
Typical capability block diagram

We have the ability to integrate your microwave front ends into a larger assembly. Ask us about designing a complete subsystem for you today.