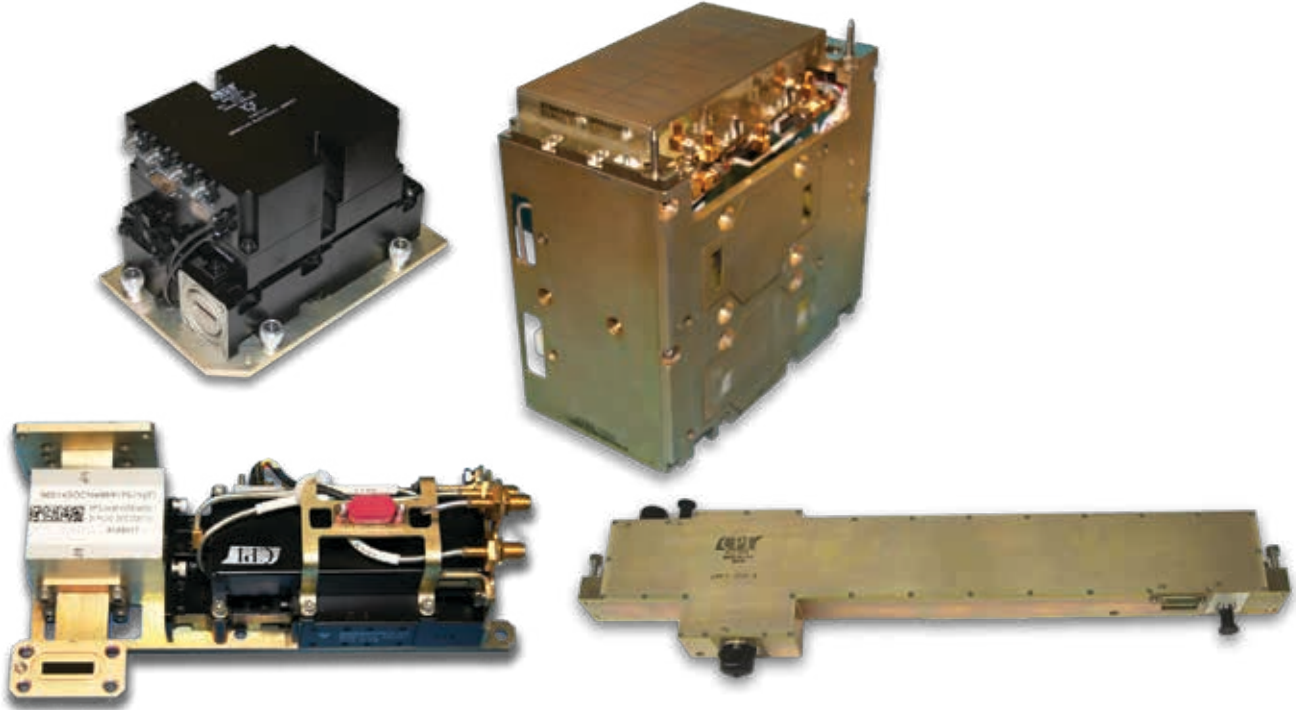


Microwave Front Ends

Communications & Power Industries Microwave Front Ends



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:

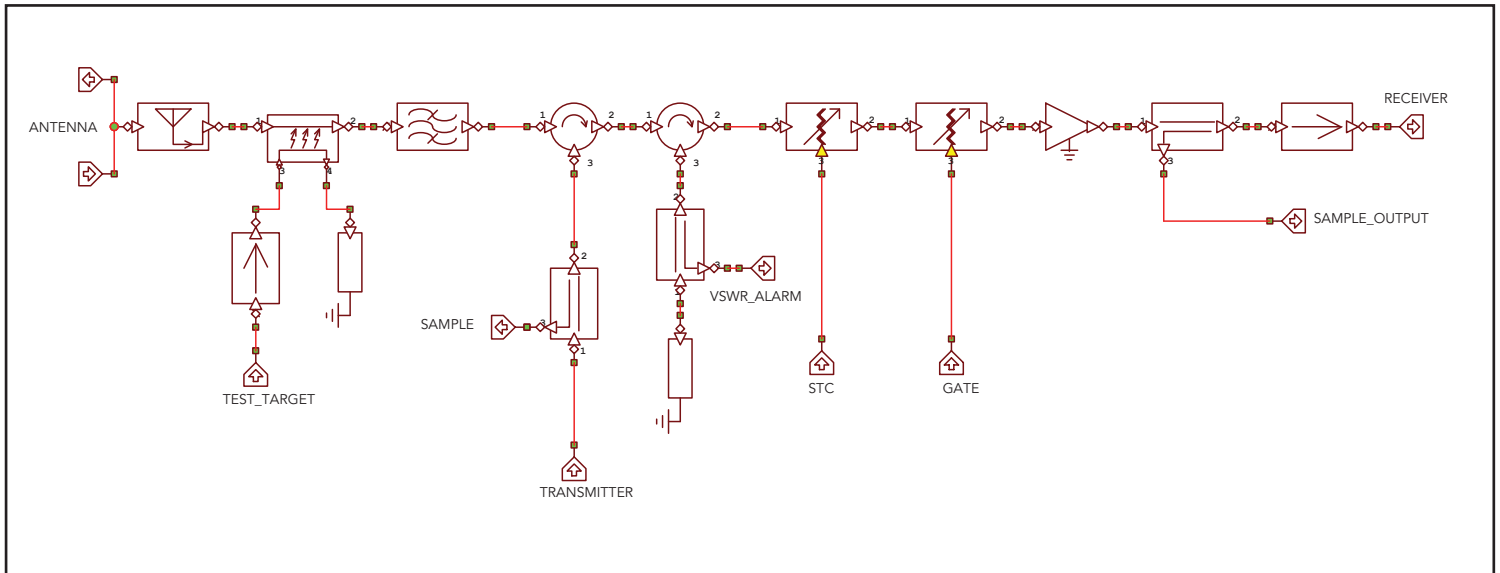
- Provides both a transmit path and a receive path
- The receive path can provide receiver protection and low noise amplification
- Test ports for injection of a signal for Built-in Test (BIT)
- Sample ports to monitor transmit and reflect signals
- Monitors for high reflected power and temperature

BENEFITS:

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

CPI Microwave Front Ends

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.