Receivers

Features/Options:

- Single or dual-conversion radar receiver
- Couplers for test injection and output samples
- Switched IF filters
- Digital or analog gain control
- Linearized RF attenuation
- I/Q baseband outputs
- Auxiliary outputs for built-in-test

Performance characteristics:

- Frequencies up to Ka-Band
- Noise figure less than 7 dB
- High dynamic range: -80 to +10 dBm
- Minimum detectable signal less than -90 dBm
- High spurious rejection greater than 70 dBc
- I/Q phase & amplitude balance less than 2 degrees and 0.1 dB
- Recovery time less than 500 nsec

CPI BMD has extensive expertise in manufacturing custom receiver assemblies for major radar, EW, and communications system OEMs from around the world.
Receivers

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