

CPI Electron Device Business - Ku-Band Monopulse Set



All solid state amplitude and phase matched set consisting of one dual and two single channel receiver protectors. The single channel units are passive. The dual is active with some passive limiting capability. Dual unit includes a driver with BITE for status monitor/ transmitter control.

With a history of producing high quality products, we can help you with your receiver protector.

Contact us at ElectronDevices@cpiedb.com or call us at +1 978-922-6000.

FEATURES:

- Frequency: 15.5 to 17.5 GHz
- Insertion loss: 1.5 dB max
- VSWR: 1.45:1 max
- Phase matching: ± 15 degrees max
- Amplitude matching: ± 0.3 dB max
- Dual unit power handling (in duplexer):
 - Active: 2.6 kW peak; 10 μ S pulse @ 4% Duty
 - Passive: 700 W peak; 10 μ S pulse @ 4% Duty
- Single unit power handling:
 - Passive: 350 W peak; 10 μ S pulse @ 4% Duty
- Flat power: 200 mW max
- Spike power: 1 W max
- Recovery time: 1.0 uSec max

BENEFITS:

- Phase and amplitude matching
- All solid state
- High power

APPLICATIONS:

- Naval radars



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For more detailed information, please refer to the corresponding CPI EDB technical description if one has been published, or contact CPI EDB. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI EDB before using this information for system design.

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