



## THE WERLATONE ADVANTAGE



WERLATONE ACTIVELY PURSES THE MOST COMPLEX RF APPLICATIONS AND STANDS READY TO HELP YOU SOLVE THE MOST DAUNTING CHALLENGES. WE SUPPLY THE MOST ADVANCED HIGH POWER PASSIVE COMPONENTS AND FULLY INTEGRATED SUB-SYSTEM ARCHITECTURES. OUR MULTI-OCTAVE SOLUTIONS ACHIEVE UP TO 1000:1 BANDWIDTH WHILE MAINTAINING EXCEPTIONAL SIZE, WEIGHT, AND PERFORMANCE (SWAP).



### HIGH POWER, EFFICIENCY, BANDWIDTH

DC TO X-BAND | POWER: 5 W TO 100 KW CW



### MISMATCH TOLERANT®

OPERATE CONTINUOUSLY INTO HIGH LOAD VSWR CONDITIONS



### SEVERE INPUT UNBALANCES

TOLERATE SEVERE INPUT UNBALANCES & INPUT FAILURES



## AEROSPACE & DEFENSE

MILITARY COMMUNICATIONS & EW

- INTEGRATED CUSTOMIZED SUB-ASSEMBLIES
- FIXED, AIRBORNE, GROUND MOBILE, SHIPBOARD, & SPACE APPLICATIONS
- EXTREME ENVIRONMENTAL CONDITIONS INCLUDING HIGH HUMIDITY, VIBRATION & SHOCK, TEMPERATURE AND SALT SPRAY

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## EMC/EMI TESTING

HIGH POWER COMBINERS & DIRECTIONAL COUPLERS

- OFFER SUPERIOR BANDWIDTH, POWER, AND EFFICIENCY
- IDEALLY SUITED FOR HARSH CONDITIONS ASSOCIATED WITH EMC/EMI TESTING
- DESIGNED TO OPERATE INTO SEVERE LOAD MISMATCH CONDITIONS
- SOLUTIONS FOR EMC TEST CHAMBERS AND A VARIETY OF TEST BENCH MEASUREMENT APPLICATIONS

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## RADAR

HIGH POWER ARCHITECTURES FOR SOLID STATE UPGRADES

- AIRBORNE RADAR APPLICATIONS
- RADIAL COMBINER DESIGNS RANGE FROM 3-WAY TO 32-WAY SOLUTIONS
- POWER LEVELS TO 64 KW CW & 200 KW PEAK
- COAXIAL & WAVEGUIDE INTERFACES AVAILABLE

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## INDUSTRIAL & COMMERCIAL

INDUSTRIAL HEATING APPLICATIONS & COMMERCIAL COMMUNICATIONS

- CUSTOM COAXIAL AND WAVEGUIDE SOLUTIONS AVAILABLE
- MULTIPLE HIGH POWER ISM APPLICATIONS FROM VHF THROUGH C-BAND
- COMMERCIAL APPLICATIONS, MRI/NMR, SATELLITE RADIO, AND IN-BUILDING DAS
- IDEAL FOR TRANSMIT COMMUNICATION ARCHITECTURES COVERING MULTI-OCTAVE BANDS FROM 80 MHZ TO 2400 MHZ

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