



BFi OPTiLAS is a pan-European technical distributor of specialist products and services, including design-engineering support, to the electronics and photonics markets.

BFi OPTiLAS focuses on niche technology products such as magnetic components, lasers, sensors, connectors, electro-optics, imaging, fibre optics, RF & microwave and other specialty components, systems, assemblies and metals.

Our manufacturer trained, technically qualified Field Sales Engineers will be able to assist you in all aspects of your design, enabling you to turn your ideas into reality.

Serviced by our modern ISO 9001:2000 approved logistics centre, BFi OPTiLAS is able to offer a variety of client specific logistical services including: VMI (Vendor Managed Inventory), EDI processing, Tape & Reeling, Customer-specific bar-coding, Kan-ban/ship-to-line processes, kitting and assembly and flexible shipping arrangements.

For device selection advice, specific component details and sales enquiries, see how BFi OPTiLAS can help.

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## Anaren

Couplers, Power Dividers, Mixers Balanced Modulators, Single Side-band Modulators, Attenuators, Phase Discriminators, SMD XINGER Couplers & RF Terminators.

## API Delevan

Close Tolerance (1%) Inductors.

## AVAGO TECHNOLOGIES

PIN & Schottky Diodes, Silicon & GaAs MMICs, Bipolar Transistors, GaAs FETs, RF Mixers, LNA Modules.

## AVX

RF & Microwave Thin Film Capacitors, Microwave Single & Multi-Layer Capacitors, RF & Microwave Chip Inductors, Directional Couplers & Low Pass Filters.

## CTS

VCOs, TCXOs, VCXOs, OCXOs Synthesisers, Filters & Duplexers.



GaAs MESFET & PHEMT technology products including Power FETs, MMIC Switches & Power Modules.



GPS Modules & Chipsets.

## JOHANSON TECHNOLOGY

RF & Microwave Capacitors, Baluns, Antennas, Inductors, Filters, Couplers & Duplexers.



Connectorised Passive RF Components including Power Dividers & Combiners, Directional Couplers, 3dB Hybrid Couplers, Fixed Attenuators, RF terminations, Isolators & Circulators, DC Blocks & Bias Tees.



Terminations, DC Blocks, Phase Shifters, Short Circuits, Cable Assemblies, Connectors, Attenuators & Adapters.



GSM / GPRS Modules for European (900 & 1800 MHz) & American Bands (850 & 1900 MHz), Modules for CDMA (800 & 1900 MHz) & AMPS 800 MHz.



Gallium Nitride (GaN) on Silicon RF Power Transistors up to 4 GHz.



## PHOENIX

RF Connectors including Combination D-Sub Connectors, Filtered Connectors, Coax, Connectors & Adapters (SMA, SMB, SMC), RF/Microwave/Power Distribution Cable Assemblies, Blind-mate PKZ Contacts, Micro-miniature Connectors (PCX, PMMX), Military Audio Connectors, Multi-pin Connectors, Flex-circuit Assemblies & Delay Lines.



Low Noise Amplifiers, High Power Amplifiers (2W – 10W), Gain Blocks, Driver, Amplifiers, CATV Line Amplifiers, RF MMICs, Hybrid Up/Down Converters, PLL Synthesisers, Power Transistors, Filters (Low Pass, Passive, Band Switch), Attenuators, Dividers & Couplers.



Gain Blocks, Power Amplifiers, Attenuators, Chip Capacitors, PIN Schottky & Varactor Diodes, Directional Detectors, Directional Couplers, Hybrids, RF Infrastructure Building Blocks, Power Dividers / Combiners, Phase Shifters, Receivers, Switches, Synthesisers / PLLs, Modulators / Demodulators & WLAN Front-end Modules.

## TOSHIBA

Power GaAs FETs (Package & Chip), IMFETs (Internally Matched Power GaAs FETs), Small Signal RF Devices, GAN X Band Transistors.



Low cost high quality GaAs Low Noise FETs, High Power FETs, Power MMICs, Connectorised Amplifiers DC to 18 GHz.



Low Cost, Low Phase Noise Standard & Customised VCOs. PLLs up to 6 GHz with full octave bands.



Attenuators, Cross-band Couplers, Diplexers, Directional Couplers, Filters, Isolators, Circulators, Power Dividers & Terminations.