

## RF & Microwave Products



### RF & Microwave Components

**Anaren**

**AVAGO**  
TECHNOLOGIES

**CTS**

**JOHANSON**  
TECHNOLOGY

**PHOENIX**  
The Company of Chicago

**NITRONEX**  
CORPORATION

**TOSHIBA**

**API Delevan**

**AVX**

**HEWLETT**  
**PACKARD**

**M&A**

**PMT**  
RF Power Products

**SKYWORKS**  
BREAKTHROUGH SIMPLICITY

**XMA**  
CORPORATION

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, 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.

Served 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 and 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.

### EMI Shielding & Thermal Management

**Laird**  
TECHNOLOGIES

### RF Over Fibre

**AVAGO**  
TECHNOLOGIES

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# RF & Microwave Products



## RF & Microwave Components

### Anaren

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

### API Delevan

Close Tolerance (1%) RF Inductors

### AVAGO TECHNOLOGIES

Pin & Schottky Diodes, Silicon & GaAs MMICs, Bipolar Transistors, GaAs FETs, RF Mixers, LNA Modules and Low Power RF Amplifiers

### 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



RF & Microwave Capacitors, Baluns, Antennas, Inductors, Filters, Couplers & Diplexers



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



Gallium Nitride (GaN) on Silicon RF Power Transistors



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



Broadband pallet/module amplifiers from 10-100watt for FM, VHF and VHF broadcast transmitters and customer specific power pallets for the military & industrial markets.



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



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

## EMI Shielding & Thermal Management



Wide range of EMI shielding solutions, including RF absorbers, electrically conductive gaskets, board level shields and ferrite products.

Wide range of electrically insulative, thermally conductive interface materials and gap fillers.

## RF Over Fibre



Avago Technologies is offering a wide selection of Lasers and Transmitters up to 10Gb/s for Local, Metro, Long Haul and Wide Area Networks applications

Note : SPICE and/or ADS models are available for many of the RF products we supply. To find out if such a model is available for the device you are interested in please contact Andrew Shannon on 01908 326326