

quality

Radiall is a leading supplier in the Aerospace & Defense industries. We are recognized for our quality interconnect products and innovative solutions suitable for harsh conditions and environments. Our presence across the globe allows us to support all major aerospace and defense manufacturers on a local level.

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area offices
local contacts

Our most
important
connection
is with you.™

It's not just a slogan. It's a statement of our earnest desire to put you at the forefront of all our business practices. As part of Radiall's mission to be available and accessible, we make it a priority to have local offices around the globe ready and able to assist you – wherever you are, whenever you need us.

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Also Represented In...

AUSTRALIA	AUSTRIA	BELGIUM	BRAZIL	CZECH REPUBLIC	DENMARK	ESTONIA	GREECE	HUNGARY	INDONESIA	ISRAEL	KOREA	LATVIA	LITHUANIA
MALAYSIA	NORWAY	PHILIPPINES	POLAND	PORTUGAL	RUSSIA	SINGAPORE	SPAIN	SWITZERLAND	TAIWAN	THAILAND	VIETNAM	SOUTH AFRICA	

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Aerospace and Defense



Our Most Important
Connection is with You.™



aerospace

Rack & Panel Connectors

- NSX, Arinc 600
- DSX, Arinc 404 & SAE AS81659
- MPX, EN3682 & SAE AS83527B
- EPX®, EN4644
- EPX® Galley, Arinc 800
- Signal, power, coax, triax, quadrax contacts and fiber optic termini



Disconnect Connectors

- EPX® series - EN4644**
- Modular and expandable design
 - User friendly and space saving solution
 - Metalized composite and aluminium shells
 - High density insert arrangements
 - Weight optimized EPX disconnect solution
- HDQX series**
- High density connector for #8 contacts
 - Uses standard Arinc 600 quadrax contacts
 - Compatible with #8 BMA, triaxial, twinax and coaxial contacts



Fiber Optic Interconnects

- Wide range of FO interconnect solutions**
- LuxCis® ARINC 801 contacts and connectors
 - Expanded Beam contacts and connectors
 - MT ferrule based interconnect solutions
 - MIL-PRF-29504 type and ABS1379/EN4531-101 contacts
 - Ruggedized LC, SC, ST connectors
- Full cable assembly and harness capabilities from design to delivery of high-end optical systems**
- Fiber management accessories
 - Test and maintenance solutions



Fiber Optic Transceivers

- Fully qualified for harsh environments: DO-160, MIL-STD, ARINC 804, Hard-Rad and Helicopters
- Smallest form factor for single channel and multi channel modules (6.5mm²/ch/Gbps)
- Lowest power consumption (<50mW/ch/Gbps)
- Protocol independent and large bandwidth (from DC to 10Gbps)
- Active electro-optic connector inserts
- Various packages and form factors available (LCC, Socketed, SFF, others)



RF & Microwave Cable Assemblies

- High precision wrapping technology
- SHF, DC to 50 GHz
- Ultra low loss cables
- 1 to 22 mm dia. cables
- High flexure life cycle and durability
- Outdoor
- Airframe
- Lightweight
- TestPro for test and measurement



Antennas

- Manpack, vehicle and handheld radios
- UAV / UGV2 and other sensors
- Airborne, onboard and external
- Antennas frequency: 30 MHz and up
- Single, dual and multi-band, external or embedded
- Overmolded, whip, patch, printed
- Active and passive GPS (L1 & L1/L2)
- N-type, TNC, SMA and specialty connectors
- Custom design applications, low to high power
- In-house antenna measurement system
- MIL-STD 810 compliant



RF & Microwave Components

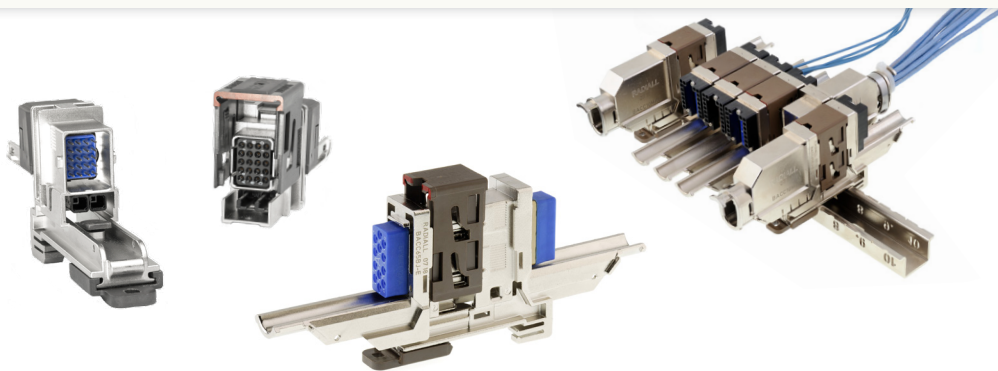
- Comprehensive range of components up to 50 GHz
- Coaxial terminations, attenuators and other special devices
- Low Power (0.5W) to High Power (1000W)
- Feed through Terminations & Detectors
- Signal samplers & Phase shifters
- Rotary joints, DC Blocks & Monitor tees
- Microwave filters and lightning protectors



Quick Multipin Series*

Revolutionary tool-less slide lock system for faster and easier installation

- High conductive metal plating on composite shells
- Lightweight, compact and high density
- Automatic rail locking device provides connector grounding
- Integrated ground blocks
- Integrated backshell design



RF Coaxial Connectors

- Comprehensive range of connectors up to 65 GHz**
- SMA, SMB, SMC, SSMA, SSMB, SSMC, TNC, N, C type, HN
 - MMCX, MCX, BNC
 - Secure connectors SMP-LOCK & TNC SelfLock
 - Quick Lock QLF certified QMA, QN, QRE
 - MIL-PRF-39012 QPL connectors, AEP range
 - Blindmate: BMA, SBMA, SMP, SMPM, others
 - Board to board RF interconnect: IMP, MMBX, SMP-MAX, SMPM, SMP
 - Waterproof, stainless steel, light weight and hermetic connectors available



RF & Microwave Switches

- Comprehensive range of SPDT, DPDT, DP3T, SPnT switches terminated and non-terminated
- Subminiature SPnT series
- SMT power micro-relay SPDT
- Low PIM series, switches, -160 dBc
- Frequency range up to 50 GHz
- High reliability RAMSES patented modular technology
- Provides more than 10 million cycles



Space Qualified Components

ESA SCC approvals

- Coaxial connectors DC to 40 GHz
- Coaxial Low loss flexible cable assemblies DC to 40 GHz
- Coaxial Semi rigid cable assemblies DC to 40 GHz
- Coaxial terminations and attenuators DC to 40 GHz
- Coaxial couplers and dividers up to 31.5 GHz
- Coaxial switches DC to 40 GHz
- Coaxial phase shifters DC to 22 GHz



defense