



*Our Most Important
Connection is with You.™*



Energy

Radiall 

reliable



Fiber Optic Interconnects

Harsh environment FO connectivity

- IP-rated Multipin connectors for outdoor applications: RxF, OSIS®, OPUS , R2CT®
- Various Expanded Beam solutions
- Ruggedized FO contacts: LuxCis® ARINC 801 with its full range of rectangular and circular Multipin connectors
- IP-rated single channel connector: LxC-R®
- Ruggedized simplex and duplex LC, SC and ST connectors

Full cable assembly and harness capabilities from design to delivery of high-end optical systems

- Fiber management accessories
- Field kits, test & maintenance solutions and training



RF Cable Connectors

Comprehensive range of connectors up to 65 GHz

- Waterproof and hermetic connectors
- High temperature connectors up to 250°C
- Switching connectors, adapters
- High vibration connectors
- High voltage connectors
- Nuclear class connectors
- Multi-channel solutions capabilities
- SMA, SMP, SMPM, N, TNC, SMB, SMC, SSMC
- MMCX, MCX, BNC, MML, QLI, 7/16, HN, IMP, SMPM, SMP
- SMP-Lock, TNC-Lock
- Quick Lock QLF certified QMA, QN, QRE



RF Board-to-Board Connectors

Comprehensive range of connectors up to 40 GHz

- Large misalignment tolerances
- Blindmate connectors
- Small to large board-to-board distances
- Excellent power handling
- SMP-Max, BMR-spring, SMP-spring
- IMP-spring, IMP
- SMP, SMPM, MCX, BMA





Fiber Optic Transceivers

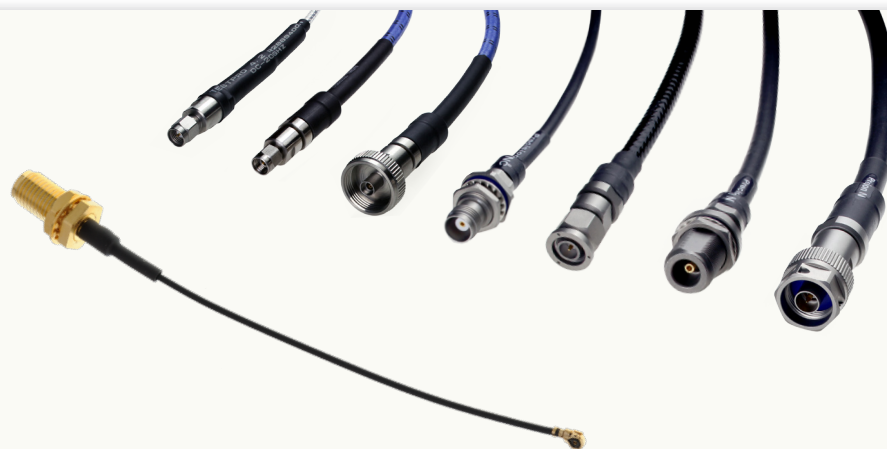
- Fully qualified for harsh environments: DO-160, MIL-STD, ARINC 804, Hard-Rad and Helicopters
- Smallest form factor for single channel and multi channel modules (6.5mm²/ch/Gbps)
- Lowest power consumption (<50mW/ch/Gbps)
- Protocol independent and large bandwidth (from DC to 10Gbps)
- Active electro-optic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



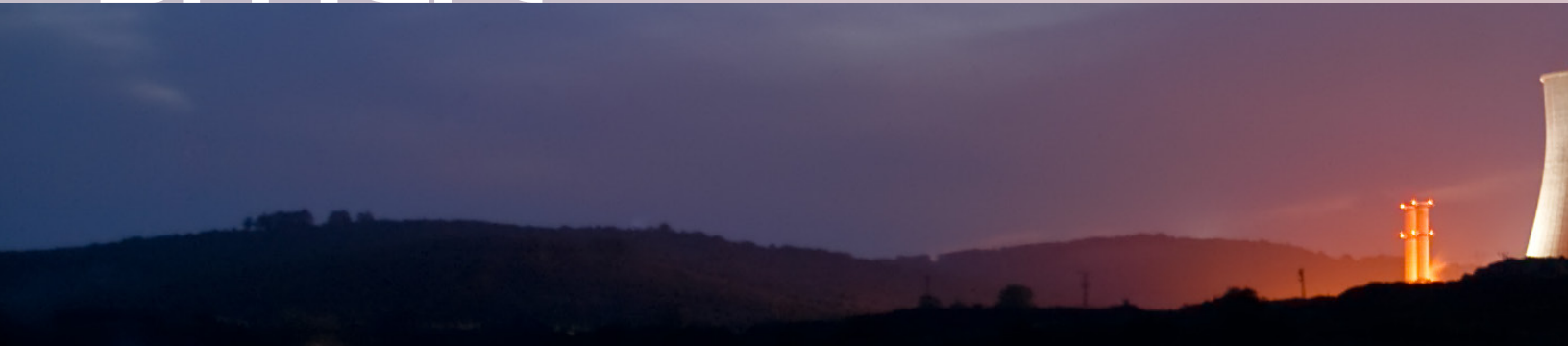
RF & Microwave Cable Assemblies

Coaxial cable assemblies for communications and test

- 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, IP-rated
- AEP cable assembly range
- Lightweight
- TestPro for test and measurement
- Flexible, hand-formable, corrugated



smart



RF & Microwave Components

Microwave accessories for design validation testing

- Comprehensive range of components up to 40 GHz
- Coaxial and SMT terminations, couplers, attenuators
- High powered terminations
- Low powered terminations
- Coaxial detectors
- Coaxial devices (rotary joints, phase shifters, others)
- Cable loads



Antennas

Specialized antennas for improved wireless communications

- Swivel, patch, whip, printed
- Monopole, dipole, directional, omnidirectional
- Single, dual, and multiband, external or embedded
- Overmolded, outdoor, ruggedized
- Custom applications, low to high power
- WLAN, WiFi, BT, ISM, Cellular Bands, GPS
- In house design, analysis, and testing



RF & Microwave Switches

High performance switches up to 10 million cycles

- Comprehensive range of SPDT, DPDT, DP3T, SPnT switches terminated and unterminated
- Subminiature SPnT series
- Frequency range up to 50 GHz
- High reliability RAMSES patented modular technology
- Low PIM series
- SMA, SMA2.9, QMA, N, BNC, TNC interfaces and more
- -160dBC



The background of the entire page is a composite image of space. The top half shows a dark, star-filled sky with a faint, glowing band of light, likely the Milky Way galaxy. Below this, the dark, curved horizon of the Earth is visible. The bottom half of the page shows a detailed view of the Earth's surface at night, with a dense network of yellow and white lights representing cities and urban areas, set against the dark blue and black of the oceans and unlit landmasses.

safe

Radiall is a leading supplier of ruggedized interconnect solutions for the Energy industry. We are recognized for innovative IP rated (waterproof & hermetically sealed) products that are well suited for the harshest environmental applications. Radiall is an industry leader for high temperature environments with products rated up to 250° C. Our global presence allows us to support international OEMs, while providing excellent local support.



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important
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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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MALAYSIA	NORWAY	PHILIPPINES	POLAND	PORTUGAL	RUSSIA	SINGAPORE	SPAIN	SWITZERLAND	TAIWAN	THAILAND	VIETNAM	SOUTH AFRICA	