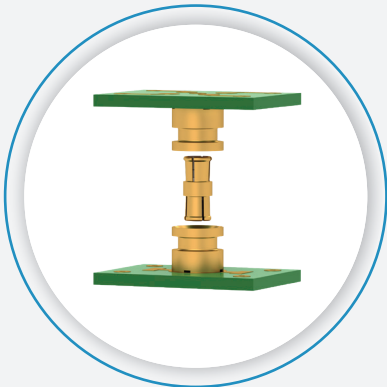


ORBIX THE NEW SPACE RANGE

*Specially developed for
LEO Constellations, Small
Satellites and Launchers*

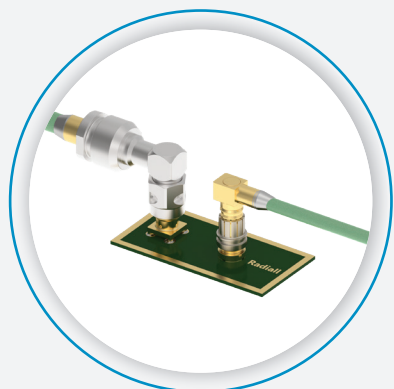


Over the past years, the space market has transformed significantly. Launches have surged, driven by the rapid rise of low-orbit constellation projects. In response to this fast-paced, transformative space race, Radiall has developed a competitive alternative to our traditional space-grade products, dedicated to satellite and launcher manufacturers.

Radiall's Orbix range builds on a strong legacy in the space market, with a proven track record in military and aerospace applications. As the space industry shifts toward miniaturization and high-volume production, especially for LEO constellations, our offer is designed to meet the duality of high-quality space standards and cost-efficiency.

With over 50 years of experience in the space industry and a legacy that dates back to our first satellite program involvement in 1974, Radiall brings trusted expertise to every mission. Our interconnect solutions are built on the foundation of our qualified space products, designed specifically to meet the extreme demands of the space environment, including wide temperature fluctuations as well as intense shocks and vibrations.

Radiall also has a strong presence in military and aerospace sectors, with a global manufacturing footprint that ensures regional support and simplifies supply chains. Our large-scale production capabilities allow us to deliver cost-effective solutions tailored for high-volume constellation projects, all while maintaining the high-quality management, required to match the space environment.



Orbix Range: *The perfect solution when space-proven and cost-effective solutions are required at the same time.*

Our offer includes solutions that cover typical needs for new space applications:

- Quick, easy and secure integration into final systems
- Ultra compact size for highly constrained and densely packed architectures
- Lightweight solutions for the new generation of satellites where every gram counts

PRODUCT	TYPE	MAX FREQUENCY ^[1]								CONNECTORS					
		8 GHz	12 GHz	18 GHz	20 GHz	26 GHz	32 GHz	40 GHz	65 GHz	SMA	SMA 2.9	SMP	SMPM	SMP ^[2]	SMPM ^[2]
		C	X	Ku	Ku	K	Ka	Ka	V						
Cable Assemblies	0.047														
	SHF 2.4M														
	SHF 3M														
	SHF 4.6M														
	SHF 5M														
Connectors	Board-to-Board	SMP													
		SMPM													
	Connectors for Equipment	SMA													
		SMA 2.9													
		SMP ^[2]													
		SMPM ^[2]													
	Adapters	SMP to SMA													

FEATURES & BENEFITS

- Up to 65 GHz
- Cost-effective solutions
- Competitive lead times
- Customization on demand with our space-dedicated engineering team
- Large-scale production
- Multiple options for production sites

APPLICATIONS

- LEO constellations
- Small satellites
- MEO satellites
- Launchers
- Ground segment applications

Note

1. Coaxial transmission line frequency

2. SMP and SMPM connectors are also available with RADIALl robust locking mechanism option: SMP-LOCK® and SMPM-LOCK®