

70 Years of Experience in Wireless Communications

As a leader in the supply of RF Conditioning products to worldwide wireless carriers and original equipment manufacturers, RFS offers customers the professional experience of many years of service to the industry while remaining on the cutting edge of wireless developments.

RFS offers RF Conditioning products such as combiners, co-location filters, duplexers and diplexers, Tower-Mounted Amplifiers (TMA) and Boosters (TMB), that are designed as part of systems or subsystems or available separately.

RFS specializes in design, engineering and production, and offers unique reliable solutions. All of our RF Conditioning products utilize RFS' technical expertise to satisfy our customers' unique needs.

Technical Excellence

The design and engineering of RF Conditioning products is carried out using innovative methods. Designs are simulated and optimised utilising proprietary software solutions. After submitting the simulations to the customer for approval, the products are prototyped in our lab.

Research into new materials has led to the development of innovative products such as polymeric filters and multimode ceramic filters. Research into new active devices and their characterization yields optimised designs for low noise amplification for emerging UMTS and CDMA2000 applications.

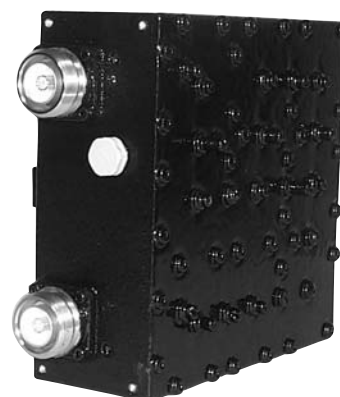
A Leading Global Supplier

With engineering and production locations in the USA, Denmark, China and Brazil, and in conjunction with a worldwide sales and marketing network, RFS provides customers all the advantages of a close contact with the support of highly skilled engineering teams and of local manufacturing and shipping.

For high volume manufacturing, RFS utilizes castings and moulding of aluminium and of advanced materials such as polymeric plastics.

Robotic tuning systems are in place to offer quality and flexibility in medium and large volume production runs.

RFS is committed to supplying products and systems solutions that meet the most stringent customer's expectations for reliability and maintenance-free performance.



RF Conditioning

Listening to Our Customers

RFS recognizes its role as a provider of custom solutions. RFS' expertise is an invaluable resource to our customers, helping them solve problems in difficult operating environments.

Our local teams of engineers, product managers and technical sales support can be addressed any technical questions. In addition, we carefully evaluate our customers' feedback, which serves as a stimulant for further improvement of our products and product portfolio.

Quality Management

All engineered parts used in the RF Conditioning products supplied by RFS are designed, manufactured, tested and packaged by RFS.

The RFS quality management system at all the manufacturing facilities and customer service centers fulfils the requirements of ISO 9000 certified by accredited and independent certification bodies.

RFS is actively engaged in the global adherence to safe environmental practices. Some manufacturing facilities are already ISO 14000 certified.



Product Selection Matrix

PAGE NUMBERS							
	Co-location Interference Protection Filters	Receiver Multicouplers	Duplexers	Diplexers/ Triplexers	Tower-Mount Amplifiers	Combiners and Cavities	Tower- Mounted Boosters
PMR/SMR	238, 254	252, 254	252, 256-258	260-262	244	247-250, 252	
CDMA850	238-239		256	260-262	243		
GSM850	238-239		256	260-262	243		
GSM900	238-239		256	260-262	243		264
GSM1800	239		256	260-262	243		264
GSM1900	239		256	260-262	243		
UMTS1900	239		256	260-262	243		
UMTS2100	239			260-262	244		