



INTRODUCTION

Radiall offers a complete range of switching connectors that consists of four families:

- Microminiature, Moebius, for high life cycle mobile applications
- Microminiature, MC-Card, for mobile applications
- Reverse polarity MCX
- Power, for infrastructure applications

MICROMINIATURE MOEBIUS: DESIGNED FOR LIFE

We chose Moebius in reference to the Möbius strip, as the origin of the infinity symbol. It is a good illustration for the very high durability performance of the Moebius connector. The Moebius interface is designed to be used as an antenna connection for handheld and mobile computing devices. The switching connector provides high RF performance and it is extremely durable and reliable as a snap-on connection.



MICROMINIATURE MC-CARD

The MC-Card series are micro miniature, 50Ω connectors that feature snap-on mating and a frequency range of -8 GHz. The MC-Card series was designed by Radiall in the 90s. With the success of the switching version, it made the MC-Card an excellent alternative to MMCX connectors for numerous wireless and telecom applications. In addition, the MC-Card series offers similar performance as the MMCX by featuring quick snap-on mating and unmating withstanding a minimum of 5,000 mating cycles.

The globally adopted switching connector version consists of a female edge card receptacle with an integrated switch for SMT assembly. It allows for automatic switching between two RF signal paths. This connector is mainly used for wireless PCMCIA-Cards or GPS devices to switch between the internal antenna and a higher-gain external antenna.

In addition to the standard MC-Card series, Radiall also offers a 3mm dia. MC-Card. With this version, wireless equipment can be differentiated and protected against wrong antenna connections.

