



The SMB snap-on subminiature coaxial connectors provide a fast and reliable connection for high density packaging for applications up to 4 GHz.

Radiall offers a very large range of SMB connectors, including cable plugs and jacks with bulkhead and panel mount configurations, bulkhead and panel mount receptacles; PCB, SMT and edge card receptacles and in-series and between series adapters.

The SMB series also features versions with lower mating forces than standard. Three types of interconnection mechanisms are available :

- **SMB : standard** snap-on connection (page 10 to 25)
The design permits quick engagement and disengagement in limited spaces.
- **SMB limited detent (SMB-A)** : snap-on connection with **low mating force** (page 30 to 31)
The design permits quick engagement and disengagement in limited spaces and is suitable for printed circuit boards. Radiall offers a range of PCB and bulkhead receptacles with female center contact.
The SMB-A receptacles are completely intermateable with standard SMB jacks.
- **SMB slide-on (SUBGLIS)** : **slide-on** connection (page 32 to 35)
The design is suitable for back plane and blind mate applications. In this case, we recommend the association of a mobile connector (floating jack / receptacle) with a fixed connector (panel plug / jack, receptacle).
The SUBGLIS connectors are completely intermateable with standard SMB and SMB-A connectors and for that, they can be used for test applications.

Radiall also offers a range of **SMB LOCK** plugs (with female center contact) with coupling nut allowing a reliable lock-on connection (50 N min). This range allows a visual control of the locking system (page 26-29).



These four types of SMB connectors have the same electrical performances (see page 11-12).

Radiall also offers a complete range of **MICROWAVE COMPONENTS** : terminations, attenuators, etc. designed around the SMB interface (page 38-39).