



The RADIALL stainless steel SMA connectors have been specially designed for applications where reliability, durability, robustness and high frequency are very important.

- **Wide range :**

The stainless steel SMA range offers cable connectors for both flexible or semi-rigid cables, panel and PCB mount receptacles including press mount, microstrip, universal, through hole pins and end launch connectors. In series adapters and between series adapters including PUSH-ON interface are also available.

All our stainless steel SMA connectors can be mated with our commercial (brass) SMA connectors.

- **Convenient 3-piece design on most connectors for flexible cables :**

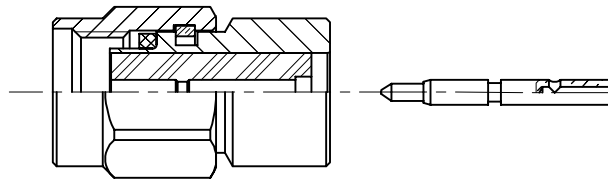
- ☞ *for straight models* : single piece body + center contact + outer ferrule,
- ☞ *for right angle models* : single piece body + cap + outer ferrule.

- **Fast and reliable cable attachment :**

The cable connectors can be either fully crimped or soldered/crimped, offering full flexibility for high volume production with standard manual or pneumatic tooling : fast and reliable.

- ☞ *the center contact* can be either crimped or soldered,
- ☞ *the outer contact* is attached to the cable by crimping a ferrule.

- **Simple snap-in center contact captivation (for full crimp models)**



The relative position of the center contact into the interface is mechanically guaranteed by the snapping of the insulator inner shoulder into the groove of the center contact.

This design facilitates the captivation operation in contrast of other designs, requiring 2 insulators to provide contact retention.

- **SMA extended dielectric receptacles :**

SMA flange receptacles are available either with 2 standard lengths of dielectric and center contact at the back or with custom lengths. They offer 3 technologies of center contact captivation (epoxy, indents and no captivation), 2 surface plating (passivated or gold plating) and 2 flange types (2 holes or 4 holes).



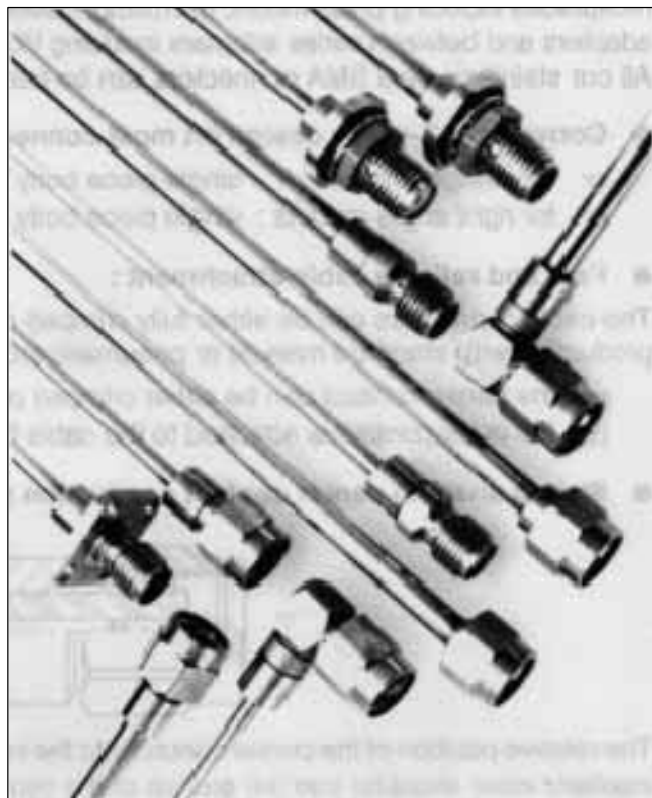


### ● Extended frequency SMA

Radiall offers an extended frequency SMA range allowing coaxial system operation completely through 27 GHz. This series mates with the standard SMA series and maintains the same mechanical characteristics (see p. 31).

### ● Solderless attachment to semi-rigid cable

Radiall's SMA crimp connector series offers an exciting alternative for assembling SMA connectors to semi-rigid cable. The main advantages of these connectors are : time saving, repeatability and performance. (see page 31)



Radiall also proposes a complete range of **MICROWAVE COMPONENTS** : terminations, attenuators, etc. all designed around the SMA interface (see page 33 to 36) and a complete range of tool (pages 37 to 43).

For further details, please ask for our :

- ☞ ● PUSH-ON adapters : **D1 036 DE**
- Between series adapters : **D1 191 CE**
- Commercial SMA series : **D1 124 CE**
- Crimp semi-rigid SMA : **D1 125 TE**
- Terminations : **D3 100 CE**
- Attenuators : **D3 200 CE**
- Soldering devices : **D1 035 DE**