SMA

INTRODUCTION

Radiall stainless steel SMA connectors have been designed for applications where reliability, durability, robustness and high frequency are critical.

WIDE RANGE

The stainless steel SMA range offers cable connectors for both flexible or semi-rigid cables, panel and PCB mount receptacles, 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 Radiall stainless steel SMA connectors can be mated with Radiall commercial (brass) SMA connectors.

CONVENIENT 3-PIECE DESIGN ON MOST CONNECTORS FOR FLEXIBLE CABLES

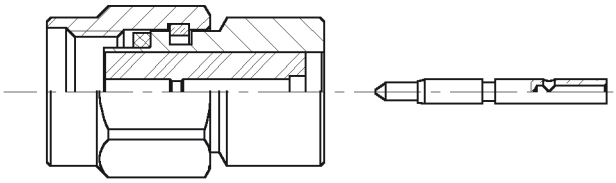
- For straight models: single piece body + center contact + outer ferrule
- For right angle models: single piece body + cap + outer ferrule

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.

EXTENDED FREQUENCY SMA DC-27 GHZ

Radiall offers an extended frequency SMA range allowing coaxial system operation up to 27 GHz. This series mates with the standard SMA series and maintains the same mechanical characteristics (part numbers ending with 700, 701 or 702).

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 savings, repeatability and performance.

