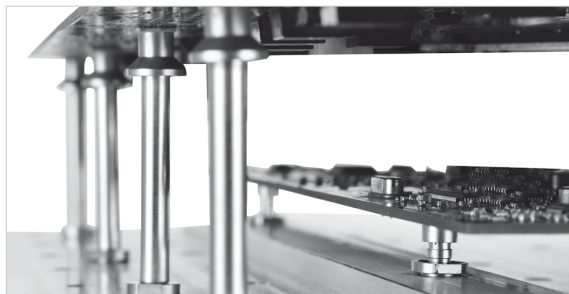
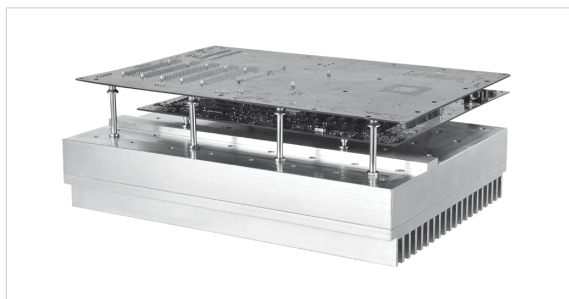




SMP-MAX



50Ω

DC - 6 GHz

GENERAL

- Microminiature coaxial connectors
- Power up to 300 Watts
- Board-to-Board distance misalignment of at least 0.078" (2.0 mm)
- Tilt (radial misalignment): 3° minimum
- 1.2 max VSWR at DC - 3 GHz

APPLICATIONS

- Broadcast
- RF components (filters, amplifiers,)
- Wireless communications

THE COST-EFFECTIVE SOLUTION FOR MAXIMUM MECHANICAL MISALIGNMENT

Of the several RF connectors available for interconnections in wireless remote radio heads, repeaters, base stations, GPS devices, and similar applications, the Board-to-Board style connector is growing in popularity. The product line has evolved from accommodating limited misalignment to offering the widest tolerances available.

SMP-MAX was introduced by Radiall to provide larger misalignment tolerances than the early version board-to-board connectors like SMP or SMP-spring while offering lower cost.

Featuring an optimized interface, SMP-MAX can work up to 6 GHz Board-to-Board distance misalignment at least 2.0 mm and radial misalignment 3° minimum.

The SMP-MAX series offers 2 levels of retention provided by the receptacles:

- Slide-on, for the lowest retention
- Snap-on, for a positive locking with a retention

A complete SMP-MAX Board-to-Board system is made of 3 parts:



SMP-MAX SLIDE-ON RECEPTACLE



SMP-MAX IN SERIES ADAPTER



SMP-MAX SNAP-ON RECEPTACLE

Many other custom configurations are available. Larger distance misalignment and larger tilt versions are also available.