SMP-MAX Evolution

Progress through innovation

Radiall pushes innovation with SMP-MAX Evolution. This new design offers SMP-MAX users the benefits of reducing cost without compromising performance.

SMP-MAX Evolution is Radiall's latest expansion of the SMP-MAX series, and features a broad range of solutions for board-to-board connectors with larger misalignment. With SMP-MAX Evolution, there is no compromise on performance while reducing cost. Additionally, SMP-MAX Evolution is fully compatible with SMP-MAX and provides more flexibility in part number selection. SMP-MAX Evolution has an excellent cost to performance ratio among board-to-board connector solutions.

SMP-MAX Evolution employs innovative technology to the adapter bullet to reduce cost. A composite catcher's mitt is also used instead of a metal bowl to reduce the overall surface of gold plating. The improved design expands axial misalignment from +/-1mm to +/-1.2mm without sacrificing performance.

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SMP-MAX Evolution is the perfect option for new generation telecom equipment. This solution enables installers to reduce cost without compromising performance and is fully compatible with SMP-MAX.

Progress through innovation

Excellent performance:

- *Up to 2.4mm board-to-board axial misalignment*
- *Radial misalignment: 3˚ minimum tilt*
- *Power: up to 300 Watts*
- *Robust bullet with larger diameter*
- *Expanded pour-in range to secure blind mating*
- *High quality with automated video quality control*

Extensive product range:

- *SMP-MAX test probes and test cables available*
- *Complete range of configurations available*
- *Unique compatibility with legacy equipment*
- *Fully compatible with existing SMP-MAX connectors*
- *Multiple sources available*

Applications

- *Wireless Telecom radio units*
- *Wireless Telecom filter modules*
- *Machine to machine wireless units*
- *Test and measurement RF boards*
- *Broadcast RF equipment*