

PRECISION INTERCONNECTS

ROADMAP | RFTechnicalGroup@samtec.com

34 GHz

3.50 mm

- Edge mount with screw downs
- High-performance microwave cable assembly: 23 AWG (RF23S Series)

40 GHz

2.92 mm

- Compression mount with 2-hole flange in various board thicknesses
- High-performance microwave cable assembly: 23 AWG (RF23C Series)

SMP

- Straight & right-angle, full detent & smooth bore
- Blind-mate with axial alignment
- High-performance microwave cable assembly: 24 AWG (RF405 Series), 25 AWG (RF25S Series) and .047 Cable (in development)

50 GHz

2.40 mm

- Compression mount with 2-hole flange in various board thicknesses
- High-performance microwave cable assembly: 23 AWG (RF23C Series)

65 GHz

1.85 mm

- Compression mount with 2-hole flange in various board thicknesses

SMPM

- Straight & right-angle, full detent & smooth bore
- Blind-mate with axial alignment
- High-performance microwave cable assembly: .047 Cable (in development)



Precision Interconnects (mm)	3.5	2.92, SMP	2.4	1.85, SMPM
Performance (GHz)	34	40	50	65

Bulls Eye® High-Performance Test Array

High-density array design significantly saves space on the board compared to traditional test points.

samtec.com/BullsEye

Wide variety of Precision interconnects for high-performance testing.

