**50 Ω SMA JACKS**

**SPECIFICATIONS**


- **Contact Material:** BeCu
- **Shell Material:** Brass
- **Insulator Material:** PTFE (-PN)
- **Operating Temp Range:** -65 °C to +125 °C
- **Impedance:** 50 Ω
- **Dielectric Withstanding Voltage:** 1,000 Vrms
- **Frequency Range:** 0–20 GHz
  (Cable dependent)
- **Working Voltage:** 335 V
- **RoHS Compliant:** Yes

**PROCESSING**

- **Lead–Free Solderable:** Yes

**Note:**

While optimized for 50 Ω applications, this connector can also perform well in certain 75 Ω applications. Contact RFGroup@samtec.com for further information.

Mates with:
- RF174, RF316, RF058, RF405, RF402, RS316, GRF1H-C, IJSH, RF23S

Mates with a wide variety of cable assemblies

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**SMA**

- **J** = Jack
- **P** = PCB Mount

**TYPE**

- **ST–TH1**
- **ST–MT1**
- **RA–TH1**
SMA SERIES

Standard or Drop-in Edge Mount

50 W impedance

SMA–J–P–GF–RA–SM1
Mixed Technology
Performance up to 6 GHz
SMA–J–P–H–ST–MT1

Due to technical progress, all designs, specifications and components are subject to change without notice.

All parts within this catalog are built to Samtec’s specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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