**SMA 50 Ohm Straight Plug**

for S44191, S44193, S46191, RG400 & RG142

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**PERFORMANCE**

- **Nominal Impedance:** 50 Ohms
- **Frequency Range:** 0 - 12 GHz
- **Voltage Rating:** 335 V(rms)
- **Insulation Resistance:** 5000 Megohms min.
- **Insertion Loss:** $0.06 \sqrt{F(GHz)}$

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**CONSTRUCTION**

**Materials:**

- **Body:** Stainless Steel, ASTM-A582, Alloy UNS S30300
- **Cable Contact:** Beryllium Copper, ASTM-B196, Alloy UNS C17300
- **Ferrule:** Brass, ASTM-B16, Alloy UNS 36000, Dead Soft
- **Dielectric:** TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
- **Gasket:** Silicone Rubber

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**Finish:**

- **Body:** Passivated
- **Ferrule:** Gold
- **Center Contact:** Gold

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**APPLICABLE STANDARDS**

MIL-STD 348, MIL-PRF-39012

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**Notes:**

1) A 1.5” piece of Raychem ATUM heat shrink P/N ATUM-12/3-0 provided with connector for purpose of strain relief & moisture protection.

2) Please refer to T-110198 Termination Instruction sheet for strip dimensions & instructions.

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**INSTALLATION**

- **Center Contact:** M22520 / 1-01 Tool
- **Selector Dial Setting # 3**
- **Positioner:** M22520 / 1-15

- **Crimp Ferrule:** M22520 / 5-01 Tool
  M22520 / 5-11 Die Set (.213” A hex)

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**PIC Wire & Cable Connector User specification sheets are non-controlled documents if printed. Please contact PIC Wire and Cable or visit the PIC website (www.picwire.com) to ensure the latest revision of the drawing is being viewed.**