**ARINC 600 Size 8 Coaxial Socket Contact**

*for PIC Cable P/N S67163*

---

**PERFORMANCE**

- **Nominal Impedance**: 50 Ohms
- **Frequency Range**: 0 - 5 GHz
- **Voltage Rating**: 500 V(rms)
- **Insulation Resistance**: 5000 Megohms
- **Dielectric Withstanding Voltage**: 1000 V(rms)
- **VSWR (Max)**: 1.3:1
- **Insertion Loss (Max)**: 0.3 dB

**CONNECTOR WEIGHT (Each)**

0.49 ounces (13.83 grams)

**RoHS COMPLIANT**

Compiles to RoHS Standards

**INSTALLATION (Tooling)**

- **Center Contact**: Solder Only
- **Crimp Ferrule**
  - M22520 / 5-01 Tool
  - M22520 / 5-13 Die Set
  - (.255" A hex)

**CONSTRUCTION**

**Materials:**

- **Body**: Beryllium Copper, ASTM-B196, Alloy UNS C17300
- **Outer Hood**: 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

**Finish:**

- **Body, Cable Contact**: Gold
- **Ferrule**: Bright Nickel
- **Outer Hood**: Passivated Stainless

**APPLICABLE STANDARDS**

ARINC 600, Amphenol AIR LB (Series 1900) EN3545

**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-190529 Termination Instruction sheet for strip dimensions & instructions.

3) No extraction tool needed. Contact has a built in extraction sleeve.