



### **P2RFD-1671-SS**

**Description:** 7-16 DIN adapters are highly desired in test applications such as base station PIM testing. These low loss, low VSWR “Rugged” adapters are designed to be used with portable antenna and cable analyzers. Anritsu’s Site Master™, Summitek’s SI™ series and Boonton’s PIM testers are examples where high grade DIN adapters are used. Some features to highlight are the Stainless Steel coupling nuts, White Bronze plated bodies for tarnish free service and superior electrical performance along with low passive intermodulation products. (PIM) White Bronze plating offers a non-magnetic solution while retaining high conductivity in the conductor paths. Engineered for long life in field applications, they are also suitable for lab environments. All 7-16 DIN adapters are machined to exacting specifications and stand up to the competition surpassing expectation when compared to typical Silver plated products. Test charts included.

**Electrical:** Frequency range.....DC to 8.0 GHz  
Velocity of Propagation ..... 77%  
Impedance .....50 ± 1 ohm  
Delay..... 110 ps over 8.0 GHz span  
VSWR.....<1.1:1 to 8.0 GHz, < 1.2:1 to 12 GHz  
Insertion Loss..... <-.1 dB to 8.0 GHz  
3<sup>rd</sup> Order IMP ..... >-170dBc in PCS band w/2 +43 dB tones

**Mechanical:** Mating..... M29 X 1.5mm; 5/8-24 UNEF Thread  
Interface..... MIL-STD-348; CECC 22 190  
Mating cycles ..... 500 min

**Materials and finish:**  
Body, Ground rings and Coupling Nuts ..... Brass, SST, White Bronze  
Insulator ..... PTFE  
Pin/Contact ..... Brass, BeCu; W.B. over Silver over Copper