



**P2RFD-1653-4**

**Description:** 7-16 DIN adapters are highly desired in test applications such as base station PIM testing. This low loss, low VSWR adapter is designed to be used as a connector saver or gender changer. Some features to highlight are 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 and low resistivity 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..... 132 ps over 8.0 GHz span  
 VSWR..... <1.2:1 to 8.0 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 Thread  
 Interface..... CECC 22 190  
 Mating cycles ..... 500 min

**Materials and finish:**  
 Body, Ground rings ..... Brass, BeCu, White Bronze  
 Insulator ..... PTFE  
 Contacts.....BeCu; W.B. over Silver over Copper

**VSWR Chart:**

