

## P2RFD-1652-4

**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 a gender extender in limited space applications. 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 5.5 GHz  
Velocity of Propagation ..... 77%  
Impedance .....50 ± 1 ohm  
Delay..... 200 ps over 7.0 GHz span  
VSWR..... <1.1:1 to 7.0 GHz  
Insertion Loss..... <-.1 dB to 7.0 GHz  
3rd 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  
Pin/Contact ..... Brass; BeCu; W.B. over Silver over Copper

### VSWR Chart:

