



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%
Impedance50 ± 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
3rd 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

VSWR Chart:

