P2RFD-1673-4

Description: 7-16 DIN adapters are highly desired in test applications such as base station PIM testing. These low loss, low VSWR 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 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
3rd Order IMP	>-170dBc in PCS band w/2 +43 dB tones

Mechanical:

Mating	M29 X 1.5mm; 5/8-24UNEF Thread
Interface	MIL-STD-348; 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

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